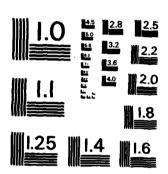
AD-A138 281 UNCLASSIFIED	ZARAGOZA SURFACE W TECHNICAL USAFETAC/	AIR BASE SPA EATHER OBSER APPLICATION DS-83/051 S8	IN REVISED UNIT OF THE PROPERTY OF THE PROPERT	NIFORM SUMM ORCE ENVIRO TY A 09	IARY OF INMENTAL DEC 83 F/G 4/2	1/ 5 ′	
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DATA PROCESSING DIVISION **USAFETAC**

Air Weather Service (MAC)

AWS TECHNICAL LIBRAL FL 4414 SCOTT AFE, IL

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

ZARAGOZA AB SP E 41 40 W 001 02

ELEV 863 FT

MSC #081605

18 DEC 1983

PARTS A-F

00002 - 23002

HOURS SUMMARIZED:

PERIOD OF RESOLDS

HOUGHY OBJERVATIONS: Jall 73 - DEC 81 JUMPARY OF DAY DATA: JUL 57 - DEC 74, NOV 79 - DEC 81

TIME CONVERSION GMT TO LST: +1

DEC 0 9 1983

"Approved For Public Release; Distribution Unlimited."

FEDERAL BUILDING ASHEVILLE, N. C.

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SECURITY CLASSIFICATION OF THIS PAGE (When Date Entered)

REPORT DOCUM	ENTATION PAGE	READ INSTRUCTIONS BEFORE COMPLETING FORM
1 REPORT NUMBER	3	3. RECIPIENT'S CATALOG NUMBER
USAFETAC/DS-83/051	11/2 200	
4 TITLE (and Subtitio)		5 TYPE OF REPORT & PERIOD COVERED
Revised Uniform Summary of Observations (RUSSWO)- ZAF		Final rept.
Observations (KUSSWU) - ZAR	MAGUZA AIR BASE, SPAIN	6. PERFORMING ORG. REPORT NUMBER
7 AUTHOR(s)		8. CONTRACT OR GRANT NUMBER(s)
9 PERFORMING ORGANIZATION NAME	AND ADDRESS	10 PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
USAFETAC/OL-A		
Air Force Environmental To Scott AFB IL 62225	echnical Appl. Center	
11. CONTROLLING OFFICE NAME AND	ADDRESS	12 REPORT DATE
USAFETAC/CBD		DEC 83
Air Weather Service (MAC)		13 NUMBER OF PAGES
Scott AFB IL 62225		p. 320
TA MONITORING AGENCY NAME & ADD	DRESS(II different from Controlling Office)	15 SECURITY CLASS (of this report)
		UNCLASSIFIED
		154. DECLASSIFICATION DOWNGRADING SCHEDULE
17. DISTRIBUTION STATEMENT (of the	ebatrect entered in Block 20, If different fr	om Report)
SUPPLEMENTARY NOTES SUPERSEDES REPT. NO. USA	AFETAC, DS-80, O89, AD-AO88	963, JUL 79.
		ospheric pressure
		reme surface winds
		chrometric summary
		ling versus visibility
Relative humidity *Clim	natological data	(over)
20 ABSTRACT (Continue on reverse side This report is a six-part ZARAGOZA AIR BASE, SPAIN	statistical summary of su	rface weather observations for
(B) Precipitation. Snowfal	ll and Snow Depth (daily a	ions; Atmospheric Phenomena; mounts and extreme values);
Summaries (daily maximum a temperatures, psychrometri	and minimum temperatures, ic summary of wet-bulb tem	ky Cover; (E) Psychrometric extreme maximum and minimum perature depression versus
dry-buid temperature, mean	<u>is and standard deviations</u>	of dry-bulb wetchulb (over)

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SECURITY CLASSIFICATION OF THIS PAGE(When Date Entered)

19. Percentage frequency of distribution tables Dry-bulb temperature versus wet-bulb temperature Cumulative percentage frequency of distribution tables

*ZARAGOZA AB

*ZARAGOZA AIR BASE

* SPAIN

*ZARAGOZA

SP081605

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

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SECURITY CLASSIFICATION OF THIS PASE(When Date Both

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

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.00	Dist	Special
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	<i>A </i>	
	// -1	

One additional note concerning the Ceiling Versus Visibilities tables: using Spanish civilian observations presents a problem because of the use of "CAVOK". To avoid unrepresentative table values, all ceilings above 5000 feet were surpressed into the 5000 foot category and all visibilities greater than 5 miles were surpressed into the 5 mile category.

€.

The Summary of Day (SOD) for the period Jan 67-Dec 74 was manually extracted from the Spanish Civilian Airport by Det 16, 31WS personnel. Det 16s evaluation of this data extracted from ltr 6 Dec 82 is: Several points should be made concerning the enclosed Spanish weather data. First, they were taken from the Spanish civilian airport by Spanish civilian weather personnel. This location is approximatley one-half mile east of the USAF observation site. Secondly, we have no reason to dispute the accuracy of the temperature and precipitation data; however the wind data is, in our judgment, clearly innaccurate and unrepresentative, especially the wind speeds. The wind recorder the Spanish have been using during this period, and continue to use for extracting the peak winds records higher speeds (anywhere from a few knots to 10 knots or more) when compared to their other wind set whose sensors are at the same height and location or our own USAF wind equipment. This wind speed data will definitely overstate climatological wind speeds and probably should not be used.

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Gelected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Pevised Uniform Summary of Surface Weather observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U.S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

DATA NOT AVAILABLE

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC, DRY VS WET BULB

MEAN & STD DEV -

(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE DAJA NOT AVAILABLE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY	APRIL	JULY	OCTOBER
FEBRUARY	MY	AUGUST	NOVEMBER
MARCH	JUNE	SEPTEMBER	DECEMBER

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		STATION NAME ZARAGOZA AB, SPAIN		LATIT		LONGITUDE	FIELD ELEV (1	1	08160
08	1605				1 40	W 001 02				
		STATION LOCAT		זו טא	ISTRU	MENI	AHON	HIST	ORY	
IUMBER OF OCATION		GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS L	OCATION TO	LATITUDE	LONGITUDE	ELEVATION ABOVE MSL FIELD (FT) HT. BARD		OBS PER DAT
1	Zaragoza	AB Spain	Spanish Gov't		Mar 76	N 41 40	W 001 01	863 ft	N/A	18
2	Same Same		Same	Apr 76 27 Apr 77	26 Apr 77 Nov 79	Same Same	Same W 001 02	Same Same	Same Same	24 18 - 20
4	Same		АВ	Dec 7 9	Dec 81	Same	Same	Same	Same	24
						<u> </u>				
					·					
								} }]	
IUMBER	DATE	SURFACE	WIND EQUIPMENT	INFORMATION		<u> </u>		<u> </u>	<u> </u>	<u> </u>
OF OCATION	OF CHANGE	LOCATION		TYPE OF TRANSMITT	TYPE OF RECORDER	HT ABOVE CROUND	REMARKS. ADI	SITIONAL EQUIP	MENT, DR REA	SON FOR CHANGE
1 2	Jan 71 Oct 79	Not available. Same		GMQ-20 Same	RO-362 Same	13 ft Same		operati		67. Span ion since
3	15 Nov 79	Same		Same	Same	Same	USAF Read	tivated	Station	15 Nov 79
				1	}		}			

CONTINUED ON REVERSE SIDE

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U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drissle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glase) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust end/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

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WEATHER CONDITIONS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY CESERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND, OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
Je*	ι 0 – 10		5.9		• 2		6.0	18.3	11.8			ڼۍ. ډ	:14
	13-7E		z • 1		. 4		ۥ4	20.3	10.0			7	427
	5 = 7 8		5.4		• 7	• 1	6.2	?2.3	10.5			77.5	529
	ç - . 1		3.8		1.1		4.7	?1.2	13.9		 	41.5	P35
	17-14		3."	1	. 4		3.1	25.5	15.9		• 2	46	935
	17-17	<u> </u>	5.2		• 2		5 • 4	14.4	15.9		!	20.3	932
		· · •——————	5.2		• 5		6.6	13.9	16.9		 	37.3	83?
	1-23		7.1		• 2		7 • 1	16.1	12.0		<u></u>	27.7	933
TOTALS			5.3		• 5	• ;	5.7	72.3	13.0		•0	32.7	6635

USAPETAC POINT 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OSSIGNETE

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WEATHER CONDITIONS

			
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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	S OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
FER) 10-0≥		5.3				5.3	3.8	8.1			11.7	741
	3-05		3.6			• 1	3.7	5 • 5	10.0			15.4	747
	£6 - 78		5.5				5.5	15.5	13.3			23.6	750
	29-11		4.6	• 1		• 1	4.9	20.7	18.6		· — -—	38.2	759
	17-14		7.5				7.5	9.4	20.2) ! 	•1	29.3	757
	15-17		7.2		•1	 	7.2	3.2	14.1		·	17.0	754
	15-20	•5	7.4		• 3	• 1	7.7	4.4	13.5	j		17.3	757
	21-23		7.8		. 4		7.9	2.4	10.3			12.7	755
												 -	
TOTALS	 	-1	0.1	.0	•1	•0	6.2	7.5	13.5		•0	20.7	6^29

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WEATHER CONDITIONS

C:16C5 ZAPAGOZA AB SP 73-81 MAR STATION STATION NAME YEARS MONTH					
	221625	ZAPAGOZA AR	S P	77-91	MAD
STATION STATION NAME VEARS MONTH		EN FOOL AD		3 31	
	STATION		STATION NAME	YEARS	MONTH

PEPCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND: OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAD	10-03		7.4				7.4	. 9	9.6		 	10.3	815
	03-05		7.5				7.5	2.0	9.5			11.3	P12
	26-08		7.0		• 1		7.1	13.4	15.3			24.4	828
	.9-11		4.5			• 1	4.6	15.9	21.1			35.2	824
	12-14		3.7			·	3.7	6.0	21.8			27.5	830
	15-17		4.9				4.9	1.6	14.3		•1	15.8	631
	18-20	!	5.5			 	5.5	.7	14.7			15.4	924
	21-23	•1	5 • 6			1	5.6	• 5	9.5			9.8	824
	·												
													
TOTALS		•0	5.8		. 3	.0	5.8	4.8	14.4		.0	18.7	6588

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WEATHER CONDITIONS

STATION STATION NAME

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PEPCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER. STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND-OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	0 0- 02		6.6				6.6	• 6	6.5			6.8	799
	03-05		6.5				6.8	1.4	8.7			10.0	779
	16-08		7.5				7.5	9.9	18.3			26.4	799
	~9-11		4.7				4.7	8 - 8	23.9			31.6	803
	12-14	•1	4.2				4.2	2.7	17.1			19.4	803
	15-17	• 9	7.4				7.4	. 6	9.8			10.4	795
	18-2	1.1	7.5				7.5	• 9	9.1			9.8	804
	21-23	•7	8.2				8.2		8.2			8.2	805
													
					·								
TOTALS		. 4	6.5				6.6	3.1	12.7			15.3	6378

USAFETAC POINT 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

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STATION	STATION NAME	YEARS	MONT

PEPCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND: OR HAZE	BLOWING SNOW	DUST AND-OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
MAY	00-02	.4	4.0				4.0	1.1	3.7			4.8	827
	03-05		3.9			:	3.9	2.6	5.9			8.5	813
	26-08	•2	5.6				5.6	10.2	22.8			32.7	826
	39-11	• 1	5.3				5.3	4.7	27.1			31.4	831
	12-14	• 5	3.6				3.6	1.3	12.6			13.9	926
	15-17	1.1	5.9				5.9	• 2	4.7		 	5.0	824
	18-27	1.2	7.4				7.4	• 2	4.8			5.0	819
	21-23	1.1	6.6				6.6	. 7	4.9			5.5	821
													
TOTALS		.6	5.3				5.3	2.6	15.8		\ <u>`</u>	13.4	6587

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WEATHER CONDITIONS

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ZARAGOZA AB SP

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YEARS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

TOTALS		1.5	4.2			• 0	4.2	2.8	11.7			14.3	6337
	21-23	3.7	4.3	ļ 			4.3	1.3	5.2			6.3	790
	16-20	3.0	5.4			• 1	5.5	. 8	6.5	ļ		7.1	799
	15-17	2.4	4.7			· · · · · · · · · · · · · · · · · · ·	4.7	• 5	7.1			7.5	802
	12-14	. 4	3.6				3.6	1.5	15.2			16.6	797
	09-11	.5	4.4			• 1	4.5	5.5	26.8			31.2	798
	26-08	. 4	4.9				4.9	15.4	23.9			32.8	795
	^ 3- 05	. 8	3.9				3.9	1.0	5.5			6.6	777
JUN	30-02	. 9	2.4			· ·	2.4	1.5	3.2			4.1	779
MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND, OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND, OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.

USAFETAC $^{\text{FORM}}_{ARY 64}$ 0-10-5(QL &), regyious editions of this poins are disolete

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JuL	1 0- 02	. 7	1.2				1.2	j	2.5			2.6	816
	03-35	• 6	1.2			• 1	1.4		3.9			3.9	803
	-6-08	.6	1.0				1.0	7.3	28.3			34.1	925
	19-11	.5	.8				. 8	4.0	27.7			30.B	824
. —	12-14	.1	1.1				1.1	1.1	14.1			14.8	824
	15-17	1.7	1.7				1.7	• 2	5.3		·	5.6	827
	18-2C	4.1	3.0				3.0	• 2	2.7			2.8	829
	21-23	3.3	3.6			-	3.6	• 2	4.1			4.4	824
TOTALS		1.5	1.7			. 3	1.7	1.6	11.1			12.4	6572

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WEATHER CONDITIONS

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PEPCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND: OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND OR HAZE	BLOWING	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUS	5 0- 05	2.5	2.6			. 1	2.8	. 4	3.5			3.7	832
	33-35	1.3	2.1			 	2.1	• 6	4.7			5.3	927
	06-08	.7	1.8			L	1.8	8.4	24.2			31.1	634
	39-11	.5	1.4				1.4	5.1	28.6			33.2	931
	12-14	.8	1.2				1.2	• 5	18.2	}		19.7	825
	15-17	1.9	2.4				2.4		6.3			5.3	630
	18-20	4.3	3.8				3.8	1 1	6.7			6.7	837
	21-23	4.0	2.9				2.9		3.6		. 2	3.7	832
TOTALS		2.0	2.3			۰۵	2.3	1.9	12.0		.0	13.6	6643

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WEATHER CONDITIONS

CS 15 D5 ZARAGOZA AB SP 73-81 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & , OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
10-12	1.0	1.7				1.7	• 2	3.0			3.2	°01
03-05	• 9	1.7				1.7	1.4	5 • 6			6.8	865
:6-08	• 6	1.0				1.9	13.8	22.2		 	34.7	676
_c~11	• 6	2.6				2.5	14.2	29.6			42.8	801
12-14	• 5	2.2	1			2.2	3.5	22.0			25.3	903
15-17	1.5	2.4			• 1	2.5	.6	7.8			9.4	806
18-70	1.9	2.5			.	2.5	• 6	6.6			7.2	803
21-23	1.7	2.^		· · · · · · · · · · · · · · · · · · ·		2.5	• 2	3.2			3.5	805
					-		}					
						2.1						6430
	(151) 10-^2 03-95 :6-^8 -9-11 12-14 15-17 18-70	(15T) STORMS 10-^2 1.0 03-05 .9 16-^8 .6 12-14 .5 15-17 1.5 18-20 1.9 21-23 1.7	HOURS (LST.) THUMBER AND OR DRIZZLE 10-^2 1.0 1.7 03-05 .9 1.7 66-08 .6 1.9	HOURS (LST.) THUMBER AND OR DRIZZLE 10-^2	HOURS (LST.) THUMBER STORMS AND OR RAIN 8.OR AND/OR SLEET 10-^2 1.0 1.7 03-05 .9 1.7 66-08 .6 1.0	HOURS (LST.) THUMBER STORMS AND OR DRIZZLE SLEET 10-^2 1.0 1.7 03-75 .9 1.7 66-^8 .6 1.0	HOURS (LST.) THUNDER STORMS AND OR DRIZZLE AND OR SIDET HAIL OBS WITH PRECIP. 10-72 1.0 1.7 1.7 03-05 .9 1.7 1.7 66-8 .6 1.9 1.9 9-11 .6 2.6 2.5 12-14 .5 2.2 2.2 15-17 1.5 2.4 1 2.5 21-23 1.7 2.7 2.7 2.5	HOURS THUMPER AND OR DRIZZLE NAID OR SIEET MAIL OBS WITH FOG	HOURS THUMPER STORMS AND OR DRIZZLE SLEET MAIL OBS WITH FOG AND OR MAZE	HOURS THUMPER STORMS AND OR DRIZZLE SLEET MAIL OBS WITH FOG AND OR NAZE SLOWING	HONES THUNDER STORMS AND OR RAIN 8.0R SLEET MAIL OBS WITH FOG AND OR SLOWING AND OR SAND	HOLDER CLST. STORMS AND OR RAIN 8 OR AND OR SIGRAL STORMS STORMS AND OR AND OR STORMS AND OR AND OR

USAFETAC $^{900M}_{\rm JAY 64}$ 0-10-5(QL A), regylous editions of this folial are obsolete

SLCBAL CLIMATOLOGY BRANCH Underetad Air Weather Service/Mac

WEATHER CONDITIONS

11575	ZARAGOZA AB SP	73-81	201
STATION	STATION NAME	YEARS	MONTH

PEPCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LS.T)	THUNDER- STORMS	RAIN AND: OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
0 C T	70-02	-1	3.4				3.4	.7	7.4			8.1	828
	23-05		3.6			• 1	3.6	3.0	8.5			11.3	924
	J6-08	1	4 • 1				4.1	12.3	14.3		<u> </u>	26.2	827
	39-11		4.2				4 • 2	17.4	21.4			37.8	933
	12-14	•1	3.4			• 1	3.5	6.0	16.4			22.2	927
	15-17	•1	3.1				3.1	2.4	8.5			1^.5	828
	18-27	• 5	3.6				3.6	1.0	7.3			8.3	933
	21-23		2.8				2 • 8	.7	7.4			0.0	933
													
						~							
TOTALS		•1	3.5				3.5	5.4	11.4			16.6	6633

USAFETAC FORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE ORIGINETE

GLEBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

WEATHER CONDITIONS

ZARAGOZA AB SP (15 75 STATION

73-81

NOV HTHOM

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND: OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NCV	2מ-סר		3.6		. 4		4.0	14.6	10.7			25.3	501
·	J 3- 05		3.1		• 3		3.4	16.1	11.1			27.2	799
	76-78		4.3		• 1		4.4	?2.2	12.3			34.0	799
	39-11	• 1	4.2			•1	4.4	29.0	15.9			44.2	803
	12-14		3.8		• 3		4.C	17.8	19.9			37.1	600
	15-17		4.0		. 4		4.4	9.6	23.3		•2	29.6	803
	18-2	• 2	3.2		. 4	• 1	3.7	11.1	15.1	·		25.9	508
	21-23		2 • 4		. 4		2.7	11.8	11.9			23.7	807
	!												
TOTALS		• 0	3.6		. 3	•0	3.9	16.5	14.6		•0	30.9	6414

USAFETAC $\frac{\text{PORM}}{\text{ALY }64}$ 0-10-5(QL, A), PREVIOUS EDITIONS OF THIS PORM ARE ORIGINETE

SLOBAL CLIMATOLOGY BRANCH UTSECTAC ATP REATHER SERVICE/MAC

WEATHER CONDITIONS

F1675	JARAGOZA AB SP	73-81	DEC
STATION	STATION NAME	YEARS	MONTH

PEPCENTAGE FREQUENCY OF OCCURRENCE OF REATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DFC	J - 52		5.1		• 1		5 • 2	16.4	6.5			24.3	931
	. 3-75		6.4				6.4	16.8	5.5			21.9	825
	16-08		7.6				7.6	20.8	6.7			27.3	827
	30-11	. 1	6.2		. 4	.1	5.6	29.1	10.3			38.4	R28
	12-14		7.5	!	. 4		7.8	22.4	12.8			34.6	829
	15-17		6.5				6.5	17.6	10.8		_	27.6	837
	18-2		7.5		. 1		7.5	15.8	13.4	1		28.4	928
	21-23		5 • 5				5.5	14.7	9.6			23.8	832
TOTALS		.0	6 • 5		.1	• 0	6.6	19.5	9.5			28.3	6630

USAFETAC PORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE DISSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIS WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION

TARAGOZA AB SP

STATION NAME

- 8 î

ALL

PEPCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

момтн	HOURS (LST)	THUNDER- STORMS	RAIN AND: OR DRIZZLE	FREEZING RAIN & . OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND: OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL		5 • 3		• 5		5.7	20.3	13.0		• 5	32.7	6635
FEB		.1	6.1	• C	•1	• 0	6.2	7.5	13.5		• 3	20.7	6^29
MAC		.0	5.8		• 0	• 0	5.8	4.8	14.4		• 0	18.7	6588
ΔPο		. 4	6.6				6.6	3 • 1	12.7			15.3	6378
MAY] 	• 6	5 • 3				5.3	2.6	13.8			13.4	6583
JJN	· ·	1.5	4 • 2			• 3	4.2	2 • 8	11.7			14.0	6337
JUL		1.5	1.7				1.7	1.6	11.1			12.4	6572
A ∪¢		2.0	2.3				2.3	1.9	12.0		•0	13.6	6643
SEP		1.1	2.1			. ,	2.1	4.3	12.5			16.5	6430
OCT		•1	3.5			• 0	3.5	5.4	11.4			16.6	6633
NOV		• 0	3.6		. 3	• 0	3.9	16.5	14.6		•0	30.9	6414
DEC		• 0	6.5		.1	. 3	6.6	19.5	9.5			28.3	6630
TOTALS		.6	4.4	•0	• 1	• 3	4.5	7.5	12.3		•0	19.4	77869

USAFETAC RAY 64 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OSSOURT

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "\$ OF OBS WITH PRECIP" and "\$ OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- MOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
 - (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
 - (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

011555

ZARAGOZA AB SP

57-67, 79-81

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND: OR HAZE	BLOWING SNOW	DUST AND: OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JAN	DAILY	• 3	34.7	2.2	3.6		36.6	43.3	45.5	• 3		57.2	36
FEE		• 3	33.2	- 3	2.7	• 3	34.7	39.3	48.9			56.8	331
MAR	+	. 8	36.8		. 8	. 3	36.8	23.1	33.8			39.6	364
APR	†	4.4	33.5			. 3	33.0	15.9	26.5	ļ		31.6	339
MAY	-i	1:.6	34.3			. 6	34.3	13.6	17.3			22.9	341
JUN	· · · · · · · · · · · · · · · · · · ·	12.4	24.8			. 3	24.6	5.8	13.9			16.4	330
JJL		12.7	16.8			1.1	16.8	2.4	13.2		• 3	14.6	37
A-15		12.1	16.8			. 3	18.8	5.1	19.6		• 5	21.8	372
SFP		15.3	28.6				28.6	22.2	37.2			43.3	361
CCT	!	2.7	31.5		• 3	• 3	31.5	35.2	38.2			47.8	372
NOV	<u> </u>	• 5	35.1		• 5		35.1	41.3	38.6			52.7	368
Drc	 	• 5	38.6	• 3	2.8		40.6	37.3	31.0			44.4	394
TOTALS	 	6.0	30.5	• 2	. 9	• 3	31.0	23.4	30.3	•0	•1	37.4	4304

USAFETAC FORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS PORM ARE OREOLETE

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U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART B

PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- *1. The first set presents, in three tables, the <u>percentage frequency of various daily amounts</u> of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and manual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- *2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SHOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWPALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"o"	equals mone for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each yearmonth and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

NOTES:

- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

U. S. Mavy and National Weather Service (USWB)

Jan 46-May 57 at 1	1230GMT		at 1	00300MT 12300MT 12000MT
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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP REATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF (FROM BARY OBSERVATIONS)

GESTATION PARAGOZA AS SETATION NAME

						AM	OUNTS (II	NCHES)						PERCENT		MON	HLY AMO	UNTS
PRECIP	NONE	TRACE	0 1	.02- 05	06-10	11- 25	26-50	51.1 00	1 01-2 50	2 51 - 5 00	5 01-10 00	10 01 20 00	OVER 20 00		NO .		(INCHES)	
SNOWFALL	NONE	TRACE	01-04	0 5-1 4	1 5-2 4	2 5 3 4	3 5 4 4	4564	6 5 10 4	10 5-15 4	15 5-25 4	25 5 50 4	OVER 50 4	MEASUR-	OF OSS.	MEAN	GREATEST	IFAST
SNOW DEPTH	NONE	TRACE		2	3	4.6	7:12	13-24	25-36	37 48	49-60	61-120	OVER 120	AMTS				
JAN	<u> 60.8</u>	17.5	4.0	7.0	4.0	4.2	1.7	. 8						21.7	526	,76	1.70	TRACE
FEB	02.6	14.2	3.3	7.3	4.0	5.4	2.1	1.0			! !	Ì	1	23.2	479	.87	1.98	7
MAR	59.4	17.1	3.8	5.1	5.5	4.7	2.5	• 9	• 9				1	23.5	527	1.23	4.54	.04
APR	65.9	10.6	3.7	6.1	4.3	3.7	3.1	2.2	.4		ļ 			23.5	510	1.33	3.74	•01
MAY	61.1	15.2	2.7	7.2	2.8	5.5	3.4	1.7	. 4		•	<u> </u>		23.7	527	1.38	3.96	.06
MUL	69.5	11.0	1.5	4.0	3.7	4.6	4.0	2.3	.4		 			20.4	480	1.40	2.89	.16
JUL	30.1	7.9	2.3	3.8	1.1	3.6	•8	. 4			<u> </u>		<u> </u>	12.1	522	.48	1.25	.00
AUG	78 -1	10.3	1.3	3.4	2.1	2.3	1.3	• 9	•2		• 2		;	11.6	526	. 95	5.48	•34
SEP	71.7	10.7	.9	3.3	2.8	5.2	2 •2	2.0	1.1			<u> </u>		17.6	540	1.48	5.85	TRACE
ост	67.7	10.8	2.3	5.9	2.7	5.6	2.7	1.1	1.3				ļ	21.5	557	1.46	4.90	•07
NOV	59.9	15.6	5.3	4.4	4.2	5.1	3.6	1.3	.4	•2				24.5	526	1.54	4.10	TRACE
DEC	63.1	14.2	2.3	8.2	4.3	4.7	1.8	1.1	. 4					22.8	558	1.00	3.65	.01
ANNUAL	66.6	12.9	2.8	5.5	3.5	4.5	2.4	1.3	•5	• 0	.0			20.5	6278	13.88	\times	\times

GLOBAL CLIMATOLOGY BEANCH USAFETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

C*1605 ZARAGOZA AS SP 57-64. 66-74. 79-81
STATION STATION NAME TEAMS

24 HOME AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG	SEP	oct.	NOV	D€C	ALL MONTHS
57						*	•38	.09	TRACE.	1.45	.10	•01	
5 9	.99	• 05	.19	.12	.24	.29	-13	.14.	. 36.	.29		1.36	1.3
59	. 34	•57	1.37	. 73	1.59	1.15	• 40	.13	.44	.5€		.10	2.49
6:3	.25	.23	.29	.01	.5C	.60	-45	.05	1.72	1.31		•55	1.72
61	51	.18	. 38	1.70	. 73	.89	•53	5.20	.96	• 5 (1.42	.18	5.20
62	.76	• 30	.16	.79	.91	. 39	•03	.11	1.32	.83	.33	.46	1.32
63	49	• 35	. 33	.41	• C 5	. 45	•12	1.03	1.04	.17		.40	1.04
64	.17	. 64	.54	.48	. 40				1				
66									.55	1.17			
67	* .12	.19	.03	• 35	.cs	.13	.24	.13	•22	1.15	.91	-04	1.19
68	.07*	•12	.56	.79	.45	.68	•09	•33	.09	•03	2.76	.11	2.76
69	.21	.57	. 44	1.04	. 44	. 37	•15	. 34	.92	1.04	. 31	.15	1.0
73	• 38	• 13	.26	.01	.45	.80	· D4	.91	TPACE	1.14	.27	1.56	1.56
7 1	• 30	•21	.41	• 35	1.44	.53	• 3 u;	• 1 O.	.11	•57	.56	. R 1	1.44
72	. 41	.14	• 32	•13	.60	• 52	•17	. 36	1.48	•26	.78	•23	1.45
73	•1 H≠	• 15	.06	•41	.61	1.29	.24	•17.	.21	.14	.49	•€5	1.29
74	•16	• 36	1.33	.61	.77	.11	. 86	.98	.76	.29	.23	•174	1.3
79			1				1				*TRACE	-18	
8 0	.09	. 75	.64	. 39	. 89	.58	.24	•69	.33	.32	.95	• 75	.95
81	TRACL	• 66	.06	1.39	• 15	•69	• 36 *	•27	.79	.15	TRACE	.58	1.39
				+		•	· 					***	
						· · · · · · · · · · · · · · · · · · ·					-	1	
MEAN	-313	.355	.434	.559	.606	.592	.274	-654	.628	. 06 1	.731	.414	1.746
\$. D.	.272	.225	. 388	• 391	.428	. 327		1.262	• 526	. 464		454	1.160
TOTAL OBS.	526	479	527	510	527	480	522	526	540	557	526	5 8	6278

USAF ETAC AN M 0-80-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

FROM DAILY OBSERVATIONS

UE1605 ZARAGOZA A3 SP STATION NAME

57-64. 66-74. 79-81

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN.	FEB.	MAR	APR.	MAY	JUN.	JUL	AUG	SEP.	ост	NOV	DEC	ALL MONTHS
57						*	.00	-21	TRACE	2.01	.25	• ~ 1	
5.8	1.51	_ •.07:	- 5.5	• 32	.69	. 92	. 26	35.		•66		3.65	10.4
5 9	.04	1.59	3.89	1.91	3.96	2.89	.84	.16	2.08	2.11	3.96	•61	24.0
6.0	. 74	.68	1.23	.01	1.07	1.35	.69	.06	3.02	4.90	.45	2.91	17.1
51	1.13	.19	.73	2.10	2.14	1.58	.98	5.88	1.81	1.59	3.34	•36	21.8
6.2	1.79	. 94	•66	97	1.37	.98	.03	.11	2.03	2.19	.99	.72	12.6
6.3	1.26	1.54	.74	1.16	.06	.81	.12	1.60	3.32	.22		1.78	13-1
64	•12	1.98	1.14	1.36	.68								
66									-81	2.25	1		
67	* .24	.46	• 04	. 85	.20	.16	.24	.13	• 32	1.53	3.61	•05	+ 7.8
68	• C7.*	. 38	1.86	1.47	1.39	.99	•22	1.13	•17	.07	4.10	.36	*12.2
69	. 86	• 98	1.73	3.74	1.53	.80	•17	.04	2.36	1.94	1.00	.36	15.5
73	1.47	.27	.51	.01	. 74	2.07	.05	1.22	TRACE	1.53	.9D	1.92	10.6
71	1.23	• 37	• 76	2.77	3.37	2.24	.60	.10	.24	1.49	1.16	2.32	16.6
72	1.14	.63	•60	• 25	1.53	2.27	. 35	.54	5 . 85	.75	1.59	.47	15.9
7 3	• 3Q*	• 26	.07	• 57	1.23	2.54	.62	. 26	• 30 	.39	.72	-82	* 8.01
74	. 46	.77	4.84	1.16	.82	- 30	1.25	2.20	1.52	.63	.62	-04	14.6
79								i	i		*TRACE	.37	
8 ប	• 1 5	1.53	1.44	.71	2.23	1.54	•59	1.25	• 56	.71	1.84	.19	12.7
81	TRACE	1.10	-15	3.27	•51	•95	•59*	.45	1.10	•25	TRACE	1.72	*1G.1
	-				1								
							+			,			
MEAN	.761	.873	1.232	1.331	1.384	1.399	.475	.953	1.478	1.464	1.536	. 999	15.45
S. D.	.598			1.108	1.051	. 805			1.502			1.066	4.126
TOTAL OBS.	526	479	527	510	527	480	522	526	543	55 7	526	558	627

USAF STAC AT M 040-5 (OLA)

2

GLUBAL CLIMATOLOGY BRANCH UCAFETAC AIM WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

STATION

ZARAGOZA AB SP

57-67, 79-81

YEAR

						AM	OUNTS (NCHES)			_			PERCENT		MONT	HLY AMO	UNTS
PRECIP.	HOHE	TRACE	.01	.02- 05	.0610	.1125	.26 . 50	.51-1.00	1.01-2.50	2.51-5 00	5.01-10.00	10.01.20 00	OVER 20.00	OF DAYS	TOTAL NO.		(INCHES)	
MOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2 5-3 4	3 5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15 5-25.4	25.5-50.4	OVER 50 4	MEASUR-	OF OBS	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7.12	13-24	25-36	37 - 48	49-60	41-120	OVER 120	AMTS				
MAL	96.1	3 • 2	. 3		• 3									• 6	310	• 2	1.9	• '
FEB	°6.8	1.8		. 7	. 4			. 4						1.4	283	• 8	4.7	•
MAR	19.7	1.0													310	TRACE	TPACE	• :
APR	1 -0 - 0			-										i	3-0	• 0	• -	•
MAY	100.0														310	• 8	٥.	•
MUL	100.7					-									300	٥.	٥.	• 1
JUL	100.3														341	•0	• 0	•
AUG	170.7														340	.0	• 0	• '
SEP	115.0														330	• 3	•0	•
ост	100.7														341	•0	• 5	•:
NOV	100.0														346	.0	•€	•
DEC	97.7	1.5	• 3	.5	• 3	• 3								1.3	372	• 6	3.6	•
ANNUAL	59.1	• 6	• 1	.1	. 1	•0		•0						• 3	3883	1.6		

1210 WS JUL 44 0-15-5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OSSOLET

HOMARS YUGUSTARTUS AND L. C. TAG AT ASATOTA SERVICE/MIC

EXTREME VALUES

SNOWFALL

STATION NAME 57-67, 79-81

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	ост.	NOV.	D€ C.	ALL MONTHS
5 -						i	• 4	•:1	• 3	<u>- 7</u>	• 0	• .	
55 4	TEACT		_IRACI						1			ان و	
5.9	TPACI	1.8	• 1	• 1	• 7	- 1	• 4	• 3	• 7	• 7	• 0	• -	1.
A.j.		5_	1	7		1		1				2.3#	
51	• }	. 0	• 0	• 9	• d	• 0	• 1	• 0	• 1	• 4	. 3	• • •	•
-		1	4			1				1			
5.7	TPACT	4.7	•1	• 1	• 4	• 1	• 1	• 0	. 3	• 7	• D	2.8∮	4.
C4	TRACH		7	-7								TRACE	TRAC
> 1	• }	• 4	• 1	• (1	• 1	. 1	• 1	• q	• 4	. 7	• ₿	• - "	•
- 6	+			+		+	+						
67 77				1	1					1,	_	اً .	
- 7	TPAC		TRACE					·					T 3 4 6
81		TRACE		р• П	• 9	. d		±	•3	• 🖫	ε. ε.	• 1	TRAC TRAC
MEAN S. D. FOTAL OSS.	•1 •53	.75 1.498 253	TO ACE - JOS 311	•30 •000 •300	.20 .000	.20 .200	.00 .000 341	• C d • C D D • 3 4 d	.C3 00C.	•30 •30 341	, 20 , 200 346	.48 .992 372	1a1 1a59 383

USAF ETAC FORM 0-88-5 (OLA)

CL FAL CLIMATOLOGY BRANCH LCOFETAC ATH WEATHER SERVICE/MAC

(FROM DAILY OBSERVATIONS)

STATION STATION NAME

57-67. 79-81

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV	DEC	ALL MONTHS
57							•	• [• :		
5.5	TRAC	• 5	TRACE	• 0	. 3	. 4		• 1	•	• •	• -		<u>•</u> !
िंहुॐं ः*	TRACE	1.9		• 0	τ.	• • •	• -	• .7	•:	• 2	٦.	•	1.
	1.9	• 5	• 1	• 4	• 1	•4	• 5	• 7	• 79	• 13	• 7.	2.3,	4 .
	• 1	• ď	• ਹੈ	• 7	. 7	• 1	• 7	• 2	• 1	• •	• • •	• `	• '
4.1 L	• 1	• 9	•]	• 0	• 3	• 3	• 3	• }	<u>.</u>	• 5	2	. 7	
63	TRAC	4.7	• 7	• (1	• 1	. 1	• :	• 0	• 31	. 5	• C	Z•6 Ĭ	۵.
54	TOACE	•1]	1	• 9	1	1		• 3	• 3		<u>.</u>	Tarre	TRACI
5.5 5.6	•	• 0	•1	• :	• 1	• 1	• 3	• 7	• 3	• .	• 7	• :	• '
- 67							1						
70							į		i	1	. 5,		
3	TRACE	• 0	TRACE	• 1	.1	.1	• 1		• 31	• 7,	• 0.		TRACE
<u> </u>	TRACE	TPACE	• 1	• q	• 4	• 3	• 3*		. 7	• 11	. 3:		ATRACT
MEAN S. D.	• 5 O 3	.75 1.498	TRACS -003	• ^ 1	•no	• 200	•80 •930	• 100	• 10	•50	• 20	• 5 1 • 1 7 2	7.65
TOTAL OBS.	31	2# 3	21	3 0	310	300 THAN FL	341	347	330	341	345	172	399

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

U31615

ZARAGOZA AB SP

STATION NAME

57-67, 79-81

YEARS

						AM	OUNTS (NCHES)						PERCENT		MON	THLY AMO	DUNTS
PRECIP.	NONE	TRACE	.01	.0205	.0410	.1125	.2650	.51.1.00	1.01-2.50	2 51-5 00	5.01-10.00	10 01 -20 00	OVER 20 00	OF DAYS	TOTAL NO.		(INCHES)	
NOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2 5 3 4	3 5-4.4	4 5-6.4	6.5-10.4	10:5-15:4	15 5-25 4	25.5.50 4	OVER 50 4	MEASUR.	OF OBS	MEAN	GREATEST	LEAST
SHOW. DEPTH	NONE	TRACE	1	2	3	4.6	7-12	13-24	25-36	37-48	49-60	61.120	OVER 120	AMTS				
MAL	97.	2 • 8	• 3											• 3	363			
FEB	98.7	• 9	• 5			• 3								• 9	331		 	
MAR	100.0												† !	! !	364			!
APR	1 "0.7											<u></u>	!	 	339			· —
MAY	100.0							-						• • • •	341		1	
אטנ	,00.7													: 	330		1	
JUL	100.0														372			
AUG	1 10.0		-												371	_		
SEP	1.0.0														360			
ост	150.0														372			
NOV	100.0														369			
DEC	98.7	• 5	. 8	• 5	• 3									1.5	395			
MNUAL	99.4	• 3	. 1	• 0	• 3	• 0								• 2	4307			X

1210 WS JUL 44 0-15-5 (OL.I)

PREVIOUS EDITIONS OF THIS FORM ARE OSSOLET

DE PAL CLIMATOLOGY BRANCH UTAPUTAC AY: REATHER SERVICEZMAC

FROM DAILY OBSERVATIONS:

STATION STATION NAME

17-67, 79-6:

CALLY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	oct	NOV	DEC	ALL MONTHS
				•									
<u> </u>	١		_				3	14		,	•	-	
_ 5: - 5 ,] [1					4	🗓			
				i .i	J	3	7	1	1	٠,	•	•	
_5		TRACE]	11				L 3	1		· · · - •	TRACE.	
51]	1 7	n	:1	j	3	7	7	^		
62]		1]		1	7	3		
	TRAC.		•	1 1		r	a		٦,	7	Ć	2	
54					1			1	3	3			
55) (-	1 0	J	d	4	٦	7	7	^	•	
67				11		1		I	1	3	* <u>.</u>	<u> </u>	_ *
67	*	* (• :	1* 4			(
79				<u> </u>						·	<u>*</u>		
3 :	TPAC		1	1 7	F	7	7	ni.	7	7.	5		TPA(
	· 		1	11		1		*]			<u>_</u>		
j	ĺ		:			i		. (1		i. E	
		L	·	<u> </u>									
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{	!		!] [1	Ì			j	}	ł	
MEAN				• 1	• 7	• 1	.:			1	?	.3	
S. D.	. 101	1.21		•000	•000	• 8 2.7	.003	.010	.203	• <u>10 1</u> 37 2	. 10	• F ? E	1,7
TOTAL ORS.	36	33	364		341	330	372	271	367		59	रत्य	43

USAF ETAC FORM 0-88-5 (OLA)

U S AIR PORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-wouth, however an asterisk () is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTES value is presented when every month of the year has valid observations. Heans and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTES.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

*2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRRL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual all hours combined, (2) By month all hours combined, and (3) By month by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

MOTE: A percentage frequency of ".0" is these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIL WEATHER SERVICE/MAC

EXTREME VALUES

SUPFACE WINGS

FROM DAILY OBSERVATIONS

STATION STATION NAME

52-74. 79-81

DATEY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEE	s. MA	R. API	R MAY	, JUN	. זענ	AUG	SEP.	oct	NOV	DEC	ALL MONTHS
5 3					į						NN#+2	SWNW 90	
59	NNW	4 <u>3</u> ¥	38 NNW	¥39		Na #37			N= +25	N_4 _31		5NH 40.	,
6 D	¥Nلا	45W	39 NNW	36 NNW	439W		1	NNW 29				5MNW 45	₩ #40
61	Sa	<u>41,814</u>	44.5H	29Nd	42N H	39WNW + 32		WNK 34				ē∳MWM 32"	# ₩ <u>₩</u> . 4 <u>. 1</u>
6.2		424 NH	43444	36 MHM	41Nw	34 WNW 41	-,	-	SHNH 30	_	1	BWNW 34	#N# 41
6.3	JNW	3 JW NW	30NW	44144	33NNV	40N h 39	HAM 3	N 35			SH 41	OWNW 37	_ NN 45
64	Na	34N 4	37 W	42'NW	34N w	3455 32	2WSW 35	SHNW 31	3WNW 35	N % 4)	NW 2	9NH 49	N# 4
65	WNW	SANNH	47NN d	4DNNH	42N#	3755W 53	3"/W 37	F 32	NN 4 36	E SE 3	W 3	8NH 37	HAN 26
66	JNW	38Y.	40NNW	38:NW	4 2N N #	HONW 34	WW 34	MW 37	7NW 38	Na 42	NH +3	6NH #48	HW #48
67	27/	4425/	4729/	6327/	5632/	4532/ 44	29/ 41	32/ 43	332/ 47	27/ 4	29/ 4	932/ 51	20/6
68	32/	5027/	4732/	5432/	3932/	5432/ 41	132/ 49	32/ 37	729* 37	27/ 39	32/ 4	529/ 49	32/ 6
69	29/	4529/	4932/	4725/	5129/	4329/ 45	32/ 41	27/ 51	18/ 43	32/ 45	34/ 5.	134/ 59	34/ 51
70	32/	4332/	5234/	51.34/	5129/	4325/ 37	732/ 45	29/ 41	32/ 37	32/ 4	134/ 4	132/ 45	32/ 52
71	27/	4327/	4732/	54:32/		4729/ 47	732/ 39	32/ 39	9/ 43	32/ 37	732/ 4	32/ 41	32/ 54
72	32/	5232/	5629/	4732/		4332/ 37	734/ 45	32/ 43	334/ 41	32/ 4	32/ 4	932/ 35	32/ 56
73		5134/	5434/	6734/	5132/	4732/ 43	32/ 35	32/ 47	729/ 45	5/ 4:	29/ 4	932/ 54	34/ 60
74		4127/		5629/		4127/ 41				29/ 5		732 + 47	20/ 5/
79	~				,					•	32+ 3		
8.1	32/	4232/	3732/	4433/	5233/	3232/ 31	32/ 34	31/ 32	31/ 26	3 3/ 47	+	233/ 54	33/ 50
81						4433/ 35					33/ 3		37/ 49
MEAN	44					39.6				39.1			53.
\$. D.	6.9				14 5.8					5.624	+		6.23
TOTAL OSS.	5	51 9	503 :	554 5	5 78 5	26 526	557	559	521	55	56	3 674	652

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC MAN DOSS (OLA)

S (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIG WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

F15'5 CARAGOZA AB SP 73-81 JAN
STATION MARE YEARS BOTTON MARE
ALL WEATHER DOGD-22'U
CLASS HOURS (LS.Y.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		• 1							1			• 1	6.0
NNE	• 1											• 1	2.0
NE	•1	• 5									İ	• 6	4 . 2
ENE	• 1	• 6							<u> </u>			• 7	4 . 8
E	1.4	2.7	• 5	. 4								4.9	5.1
ESE	• 6	1.4	1.0	.7						i	1	3.7	5.9
SE	.9	2.6	.7	• 1	•1				i	İ		4.4	5.8
SSE	• 5	. 4										. 9	3.7
5	1.1	• 4	•1	•1					1			1.7	4.1
SSW	. 4	• 4	•1	•1								1.0	5.7
SW	. 4	• 9	.1		.1							1.5	5.6
wsw	.6	3.1	1.2	.7	. 4	• 5	. 4					5.7	10.5
w	2.5	2.9	5.2	4.1	1.7	1.0						17.3	10.1
WNW	1.0	3.4	6.9	4.7	1.7	•6		ļ ——				18.3	10.5
NW	.4	• 9	2.2	5.2	4.5	1.0			i	1	<u> </u>	14.1	14.5
NNW	. 1	• 1	•1	•2	. 4	. 4	• 2	.1		1		1.7	19.3
VARBL	.6	• 5	• 2							1		1.4	4.0
CALM		> <		><	> <	> <	> <	$\supset <$		$\supset <$	> <	21.9	
	17.7	19.5	18.4	16.3	9.0	3.4	.6	.1				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

814

SLOBAL CLIMATOLOGY BRANCH US AFETAC AT A REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

771505	ZARAGOZA AB SP	77-81	JAN
STATION	STATION N.ME	YEARS	MONTH
		ALL WEATHER	3300+3500
		CLASS	HOURS (L.S.Y.)
	-	COMPITION	

SPEED (KNTS) DIR.	1 • 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	# 4	MEAN WIND SPEED
N							-						
NNE				• 1								• 1	11.0
NE		• >	• 2									• 5	6.0
ENE	• !	• 5	•1							1		.7	5.0
E	• 5	2.4	1.0	. 4								4.3	5.6
ESE	1.5	1.8	1.3	• 2						1		4.9	5.7
SE	• 4	1.7	•1	• 2	• 1					1		2.6	6.1
SSE	• 6	• 7	• 1	• 2	• 1							1.8	6.0
S	• 6	. 4								i		1.3	2.8
SSW		• 4										. 4	4.0
SW	• 2	• 5		• 1	.1	• 2						1.2	13.1
wsw	. 9	1.2	• 5	.7	.7	• 6	• 1					4.8	11.2
w	1.7	2.7	5.6	4.6	1.8	• 2						16.7	10.1
WNW	1.0	4.3	6.3	4 . 5	1.2	• 2						17.5	9.4
NW	•6	• 6	3.3	3.9	4.1	1.3	• 1					14.3	14.2
NNW	. 4	• 1		• 2	.7	•!	. 1	.1				1.3	16.3
VARBL	. 4	• 2			l			1	1			• 6	3.4
CALM	$\supset \subset$	> <		> <	$\supset <$	$\supset <$	> <		$\supset <$	$\supset <$	> <	27.2	
	3.8	17.8	18.6	15.3	9.7	2.8	. 4	•1				100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH USAFETAC AID WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TR150 5	ZARAGOZA AB SP	73-81	JAN
STATION	STATION HAME	16,466	нтнош
		ALL WEATHER	0600-0800
		CLASS	HOURS (L S.T.)
		COMOLEGA	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	>	MEAN WIND SPEED
N													
NNE	.1	• ?										. 4	3.3
NE	• 2		. 4									• 5	5.8
ENE	• 1	• 4										• 5	4.3
E	• 7	3.3	1.5	• 5	• 5							5.7	7.1
ESE	• €	2.7	• 5	.6								4.6	5.7
SE	• F	1.6	•	. 4	• 1							3.6	6.6
SSE	.4	• 3	•1	!								1.3	4.2
5	• ?	• 4	. 4									1.0	4.9
SSW	• !	• 1										. 2	3 • €
sw		• 7	• 7		• 2							1.2	8.4
wsw		1.1	1.1	.7	• 5	. 4	.1					4.7	10.3
w	1.7	2.9	2.9	4.2	1.3	• 4	• 2					13.5	10.6
WNW	1.3	5.4	6.4	4.2	1.2	• 6						19.2	9.2
NW	3.	1.7	2.2	6.2	3.5	1.7	•1	•1		1		16.1	14.2
NNW	•	• 5	• 1	. 4	• 2	.1						1.8	8.5
VARBL	•	•6										1.3	3.2
CALM		> <	> <		> <	> <	\times	\times	\geq		><	24.2	
	3.8	22.2	16.4	17.2	7.4	3.1	• 5	• 1				10.0	7.4

TOTAL NUMBER OF OBSERVATIONS

827

2

CL PAL CLIMATOLOGY BRANCH CHAFTAC A: REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

- 5 - 5 .	JARAGOZA AB SP	73-81	JAN
STATION	STATION NAME	YEARS	NONTH
		ALL WEATHER	0900-1100
	***************************************	CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	***************************************	MEAN WIND SPEED
N	, li	•4	•1	• 1								1.0	5.5
NNE	i		•1				1				!	• 1	7.0
NE	• •	• ?	• 7	i								.7	5.2
ENE	• 4	1.1	•1	• 2					1		!	1.8	5.5
E	1.6	3.3	1.3	• 5	.1				<u> </u>	1	i	6.5	5.7
ESE	1.1	7.9	• 6	• 7					1		1	5.3	6.0
SE		1.5	• ?	• 2	•1				1		1	2.8	5.8
SSE	• 1	• 4		• ?						1		7	7.8
S	. 1	1						· · · · · ·	 	!	!	• 1	2.0
SSW	.1	• 1	•1	<u> </u>					† — — —	1		.4	4.7
sw	. 4	• 4	•?	•2	• 5	• 1	•1	•1		 		2.5	14.2
wsw	• 2	• 4	• 5	• 8	• 2	• 2			 			2.4	12.1
w	1.0	1.6	3.9	5.3	1.8	1.0	• 2				 	14.7	12.0
WNW	.7	2.6	4.8	5.0	1.3	• 5	• 2					15.2	11.0
NW	₹.~	1.	3.7	5.1	4.4	2.4	• 5	.1		<u> </u>		20.2	14.1
NNW	1.0	.7	• 2	.7	• 5	. 4						3.5	10.0
VARBL	.7	•1	•1		,					1		1.0	3.1
CALM			><	><	><	><	><	> <			><	21.4	
	17.5	16.6	16.4	20.2	9.0	4.5	1.1	•2			······································	170.0	8.4

TOTAL NUMBER OF OBSERVATIONS 836

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLIBAL CLIMATOLOGY BRANCH USAFETAC ADD WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

181635	ZARAGOZA AB SP	73-81		JAN
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		1200-1400
		CLASS		HOURS (L.S T.)
		COMPITION		

SPEED (KNTS) DIR.	: 1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	. 5	• 5	!	-		<u> </u>						1.3	3.8
NNE		• ?	• 1									. 4	6.0
NE		• 4	• 2	1								• 8	6.3
ENE	1.1	1.9	. 4	:								3.4	4.5
E	1.3	4.4	1.9	. 4	. 4							8.4	6.4
ESE	• 6	7.6	2.4	1.1	•1		• 1		1	-		7.0	7.8
SE	• 5	1 .7	. 4	• 5	• 2	.1			1	1		2.2	8.0
SSE	•1	1			1			!				1	2.0
5						1						4	1
SSW	• 1				<u> </u>			!	<u> </u>			•1	3.0
SW			• 1	. 4	. 6	. 4		1				1.4	17.7
WSW	• ?	. 4	• 6	. 6	• 2	.7			<u> </u>			2.8	14.1
w	•€	. 8	1.8	4.8	1.4	1.4	• 5	• 2	1			11.6	15.0
WNW	. 6	. 8	2.9	2.9	1.9	.8	.7					10.7	13.9
NW	1.7	1.0	2.9	6.8	6.4	4.0	• B	• 2				24.7	15.2
NNW	1.2	2.7	2.4	1.2	1.8	2.8	•8		-			12.2	14.3
VARSL	1.4	<u> </u>							<u> </u>			1.4	1.9
CALM				><			> <		$\supset <$	$\supset \subset$	> <	11.8	
-	1 1 1	16.8	16.1	18.5	13.1	10.2	3.0	.5				100.0	10.9

TOTAL NUMBER OF OBSERVATIONS

833

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLOBAL CLIMATOLOGY BRANCH USIFETAC ATD AEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

F - 6 15	ZARAGOZA AB SP	73-81	JAN
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	1500-1700
		HOURS (L.S.T.)	
		COMPITION	

	7.1	22.1	17.6	17.9	13.4	7.3	3.0	.4				130.0	10.
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	> <	$\geq \leq$	11.2	
VARBL	. 4	. 4										.7	3.
NNW	• 8	1.9	2.4	2.6	2.5	2.3	1.0	• 1				13.7	14.
NW	1.2	3.1	5.8	5.8	5.8	3.0	1.1	.2				26.3	14.
WNW	• 5	2.4	2.4	3.0	2.6	• 5	.6					12.3	12.
w	• 2	1.9	1.8	3.5	1.6	• 7	• 2					9.9	12.
wsw	• :	. 6	1.1	1.0	• 2	• 1	• 1			ļ		3.4	11.
SW	,	• 1		•2		• 1						• 5	14.
SSW			•1	1					<u> </u>			• 1	10.
5	1			 	•1							•1	20.
SSE	!	. 4		 								. 4	6.
SE		1.3	.5	. 4	 	• 4				 		2.5	10.
ESE	• 8	4.5	1.2	• 5	•1				 			7.2	5.
E	1.8	3.9	1.3	. 8	• 2					 		8.1	6.
ENE	.7	1.7										1.7	3.
NE	•1	• 1	.5	 						·		.7	6.
NNE	•1		• 7						 			. 4	6.
N	•1	• 5	• 2	• 1	•1	• 2				 		1.4	10.
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WINE SPEED

TOTAL NUMBER OF OBSERVATIONS

GLCAAL CLIMATOLOGY BRANCH USAFETAC ATT FEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1905 ZARASOZA AB SP 73-81 JAN

STATION MARE STATION MARE STATION MARE ALL WEATHER 1900-2000

CLASS HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N			•1						<u> </u>			• 1	8.7
NNE		• 1										• 1	5.0
NE	•1	• 4	• 4									. 8	6.3
ENE	• 5	• 8	• 2									1.6	4.3
E	1.1	1.9	• 5	• 7	•1							4.3	6.2
ESE	1.7	2.3	• 6	• 1	• 1							4.8	4.8
SE	• 7	1.07	• 4	• 7		• 4				i		3.9	8.0
SSE	• 2	• ?										• 5	3.0
5	• 5	• 2										. 6	2.6
SSW	• 2	• 7	•1									1.1	4.2
sw	. 4	1.2	. 4		• 2							2.2	6.2
wsw	1.0	4 . 3	1.2	,7	• 1	• 5			1			7.8	7.2
w	?•2	5.8	5.4	3.9	1.0	• 8		•1				19.1	9.3
WNW	.7	3.7	4.6	5.1	1.0	7	• 2					16.0	13.7
NW	• 2	2.2	3.7	7.0	2.6	2.3	• 2	• 1	I			18.2	13.9
NNW	. 4	. 4		1.1	1.6	• 6	, 4					4 . 3	16.6
VARBL	.4	i										. 4	2.C
CALM	><	> <	><	><	><	> <	><	><	$\supset <$	><	><	14.5	
	10.3	26.0	17.6	19.3	6.7	5.1	. 8	• 2				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

831

GLOBAL CLIMATOLOGY BRANCH USAFSTAC AIR XEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

181675	ZARAGOZA AB SP	73-81	PAL
STATION	STATION NAME	YEARS	MOM TH
		ALL WEATHER	2100-2300
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	, ,	MEAN WIND SPEED
N			• 1	.1								• 2	11.0
NNE	•1	1		·								•1	2.5
NE	•1	• 8							<u> </u>			1.0	5.3
ENE	1.	• 5	. 1							-	:	.7	4 . 3
E	1.0	1.1	- 8	• 5						1	· · · · · · · · · · · · · · · · · · ·	3.4	6.4
ESE	1.1	3.2	.8	. 4								5.5	5.4
SE	• 5	1.1	.7	. 6		. 4						3.2	9.1
SSE	• 6	• 4										1.0	2 . 8
5	. 8	. 4	• 2							!		1.4	4.7
SSW	.6	• 2										. 8	2.6
sw	.6	1.2	• 2	• 1		• 2						2.4	7.0
wsw	1.7	3.2	1.7	1.2	• ?	• 2	• 1					7.7	8.3
w	1.9	5.4	5.5	4.6	1.1	. 4	• 2					19.1	9.3
WNW	1.4	3.4	6.2	5.5	1.1	.6						18.3	10.0
NW	. 8	1.1	2.9	6.0	3.8	2.0	. 4					17.1	14.6
NNW	. 4	• 4	•1	•1	• 5	•7	• 2					2.4	16.1
VARBL	• 2	• 2										• 5	3.5
CALM			$\supset <$	><	><	><	><	$\geq <$	$\geq \leq$	><		15.1	
	11.3	22.6	19.6	19.1	6.7	4.6	1.0					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 832

GLORAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ZARAGOZA AB SP 73-81 ALL WEATHER

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	• 1	• 2	•1		٠,٦	• 1		i	i			. 5	7.2
NNE	•1	•1	•1	• 2			,			1		• 2	5.3
NE	•1	• 3	• 2	•0						1		• 7	5.7
ENE	• 4	• 8	• 1	• 🖯								1.4	4.5
ŧ	1.1	2.0	1.1	. 5	.1							5.7	6.2
ESE	1.7	. 2.7	1.1	. 5	• 5		• C		1			5.4	6.1
SE	• 5	1.5	• 5	. 4	• 1	•2			1	1		3.1	7.3
SSE	• 3	. 4	.7	•1	• 7							. 8	4.7
5	. 4	• 2	.1	• 5	• 5							. B	4.5
SSW	• 2	• 2	.1	•0					1			. 5	4.1
SW	• ?	• 5	• 2	.1	• 2	•1	• 0	• 0	1			1.6	9.8
WSW	•6	1.6	1.5	.8	• 3	. 4	•1					4.9	9.5
w	1.5	3.0	4.0	4.4	1.5	.7	•2	• 3	1			15.2	10.5
WNW	• 9	3.3	5.1	4.4	1.5	• 6	.2					15.9	10.7
NW	1.0	1.6	3.3	5.9	4.4	2.2	. 4	•1				18.8	14.4
NNW	• 6	• 8	.7	.8	1.0	.9	• 3	.0				5.2	14.5
VARBL	• 6	• 3	• 0									. 9	3.1
CALM	\searrow	$\supset <$	$\supset <$	$\supset <$	$>\!\!<$	> <	> <	><	$\supset <$	$\supset \subset$	> <	18.3	
	9.7	27.5	17.6	18.0	9.3	5.1	1.3	• 2				100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 5625

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATO WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

n P 1605	ZARAGOZA AB SP	73-81	FE9
STATION	STATION MAME	YEARS	BORTH
		ALL WEATHER	0020-0200
		CLASS.	HOURS (C.S.T.)
		COMBITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	**	MEAN WIND SPEED
N	.1	•1										• 3	3.5
NNE												1	
NE	• 1											• 1	2.5
ENE	•1	• 8										1.1	4.5
E	1.5	2."	. 8	• 3								4.6	5 • 2
ESE	• 7	3 • 2	1.5	. 5								6.2	6.5
SE	• 3	1.2	1.1	• 1								2.7	6.7
SSE	• 5	• 3	• 3									1.1	4.4
S	• 5	. 7	• 3									1.5	4 . 5
ssw	• 8		. 4	• 3							<u> </u>	1.5	6.7
sw	. 4	. 4		.5	. 1							1.5	8.6
wsw	1.6	2.6	. 9	. 9	. 4	1.1	• 1					7.7	9.1
w	1.9	6.2	3 • D	4.1	2.7	1.6	• 5					23.3	11.1
WNW	• 3	3.1	5.7	3.9	1.4	4						14.7	10.6
NW	• 1	1.4	3.0	5.1	3.5	• 5	• 3					13.9	13.4
NNW	• 3	• 5	• 3	1.1	1.6	1.2	• 5	.1				5.7	17.5
VARBL	. 4	• 5										. 9	3 - 1
CALM			><		><	> <	><	><	$\supset <$	><	$\geq \leq$	16.4	
	9.7	23.1	17.3	17.2	9.7	4.9	1.5	• 1				100.0	8.

TOTAL NUMBER OF OBSERVATIONS

739

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

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GLOBAL CLIMATOLOGY BRANCH USAFETAC

ATE WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

081605	ZARAGOZA AB SP	73-81	FEB
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	0330-0500
		CLASS	NOVES (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	[*	MEAN WIND SPEED
N						• 3				T	!	• 3	22.0
NNE	•												
NE		• 1	. 4									• 5	7.5
ENE	. 4	. 4	• 3	• 1								1.2	5.4
E	• 9	2.7	• 9		• 1							4.7	5.5
ESE	• 5	2.7	1.5	• 5	• 3						i	5.5	7.0
SE	• 9	1.5	• 0	• 1						1		3.5	5 • 3
SSE	1.2	1.3	•1								I	2.7	3.6
5	. 4	. 9	. 4							1		1.7	5.0
SSW	• 9	•1	.1									1.2	2.9
SW	.7	1.2	• 3	• 5	• 1	• 1						2.9	8.0
wsw	• 8	2.9	.8	. 8	. 4	• 3	• 5					6.5	9.6
w	8.	5.4	2.7	2.8	2.8	1.6	. 4		i			16.5	11.8
WNW	• 9	5.1	6.7	3.5	1.5	. 7	•1					17.8	9.9
NW	• 5	1.6	2.5	5.6	1.6	1.2	. 4					13.5	13.3
NNW	• 3	• 5	. 4	• 5	1.1	• 9	• 5				i	4.3	17.2
VARBL	.7	•1										• 8	2.3
CALM		$\supset <$	\times	><	$\supset <$	$\geq <$		$\geq \leq$	\geq	$\geq \leq$		16.2	
	17.1	26.7	17.4	14.6	7.9	5 - 1	2.0					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

746

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GLEBAL CLIMATOLOGY BRANCH UPAFETAC AIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

091505	ZARAGOZA AB SP	73-81	FEB
STATION	STATION HAME	YEARS	NONTH
		ALL WEATHER	669 3- 3800
		CLASS	HOURS (L.S T.)
		CONDITION	

	13.7	22.2	17.5	14.6	9.2	4.7	1.2		[]		100.0	В.
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	><	16.5	
VARBL	• 8	• 1										. 9	2.
NNW	• 3	• 5	• 1	1.1	. 9	1.2	. 4					4.5	17.
NW	.7	1.6	3.2	4.2	2.6	• 8	• 3					13.3	12.
WNW	2.1	3.7	5.8	4 . 5	1.6	• 5	•1					18.3	9.
w	1.8	5.1	2.4	3.0	2.9	1.6	• 3		i			17.2	11.
wsw	1.2	2.1	1.3	• 7	.7	• 3						6.2	8.
sw	. 3	• 7	• 7	. 4	• 3	•1						2.9	8.
SSW	• 3	•1	•1	•1								• 7	5.
S	. 4	• 0	.1									1.3	4.
SSE	•8	• 9	. 3									2.0	4.
SE	.8	1.3	. 8							i -		3.4	5.
ESE	1.3	1.8	.9	• 5	• 3	• 1				,		5.5	7.
E	1.7	1.8	1.5	•1						1		5.1	5.
ENE	. 5	.7	.4									1.6	4.
NE		•1								·		• 1	4.
NNE	ji	1	1						 			*	
N	• ₹	.1	 			•1	.1		 			7	11.
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	WINI SPEE

TOTAL NUMBER OF OBSERVATIONS

758

GLOBAL CLIMATOLOGY BRANCH US4FETAC #10 LEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

F1635	ZARAGOZA AB SP	73-81	FEB
STATION	STATION NAME	TEADS	MORTH
		0900-1100	
		HOURS (L.S.T.)	
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	• 3	. 4	 	.1								. 8	5.5
NNE	• 3											• 3	1.5
NE													1
ENE	• 3	1.2	• 8	• 3								2.5	5.7
E	1.7	4.6	2.1	• 3								8.7	5.3
ESE	1.3	3.9	1.8	. 8	•1							7.9	6.1
SE	• 5	1.7	. 8	• 4	•1			1				3.6	6.9
SSE	• 3	• 3	• 3	•1								. 9	6.4
5	i	• 1	•1	,				,				• 3	7.0
SSW	• 3		• 3									• 5	5.3
wz		• 1	• 3	. 4	• 3	•1						1.2	15.1
wsw	. 4	1.3	.7	• 8	. 4	- 4	•1	<u> </u>	ļ — —			4.1	10.
w	• 8	2.7	2.2	3.6	1.3	1.2			1			11.1	12.0
WNW	• 3	2.1	3.7	4.3	1.6	1.4	• 9		1			14.4	13.
NW	.7	1.7	2.5	7.4	4.5	1.3	• 3		1			18.3	14.2
NNW	• 9	1.1	1.3	• 5	1.6	1.7	. 8					7.9	15.4
VARBL	• 5	• 1										.7	2.8
CALM		$\supset <$	$\supset <$	$\supset <$	> <	$\supset <$	$\supset <$	$\supset <$	$\supset <$	$\supset <$	> <	17.0	
	8.4	20.6	16.9	19.0	9.9	6.2	2.1					170.0	9.

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

161605	ZARAGOZA AB SP	73-81	FE9
STATION	STATION NAME	YEARS	MONTH
		1205-1400	
		NQURS (L.S.T.)	
		COMPITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 5	• 5	-4	- 4	• 3							2.1	8.4
NNE	•	• 3	*		1			1	<u> </u>	:	i	• 3	5.0
NE		• 1	. 4	•	1	1		i				• 8	6.7
ENE	• 3	• 5	. 4	• 5	1	7			 		1	1.7	8.0
E	1.5		3.4	.7	1	1	!]	1	1	9.5	6.4
ESE	. 4	2.4	3.6	2.6	.1	.4				i	i	9.5	9.2
SE	• 1	• 5	1.3	• 7	.1	1			 	1	1	2.8	9.4
SSE	• 1	• 1			1	1	!					. 3	2.5
5	•		:										
SSW		• 1										-1	4.0
5W			• 1	•1	1		·					. 3	11.5
WSW	• !	. 4	• 8	1.1	. 9	. 4						3.7	13.4
w	•1	• 2	2.1	2.9	. 7	1.7		I		I		8.3	14.3
WNW	.4	1.7	2.1	2.1	2.1	2.4	1.2	• 3				12.3	16.2
NW	2.0	3.2	3.7	6.9	3.7	2.3	• 5	.1				22.4	13.1
ииж	.8	2.7	2.4	3.3	4.1	2.9	2.3	.3				18.0	16.6
VARBL	1.2	• 7		•1	1							2.0	3.9
CALM		$\supset <$					$\supset <$	><	><	$\geq <$		5.8	
	7.B	17.4	27.8	21.5	12.1	10.1	4.7	.7				120.0	11.8

TOTAL NUMBER OF OBSERVATIONS

755

GLGBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

181575	ZARAGOZA AB SP	73-81	FEB
STATION	STATION NAME	YEARS	HTHOM
		ALL WEATHER	1500-1700
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ \$6	, %	MEAN WIND SPEED
N	• 8	• 8	. 4	. 4	• 3	. 4	. 4	•1				3.6	12.
NNE	•1	• 1		1			l					3	3.
NE		• ₹	•1	i								. 4	5.
ENE	• 3	• 3	1.1	• 3								1.9	8.
Ę	• 7	3.1	4.3	. 9	•1					!		9.1	7.
ESE	•1	2.3	3.7	2.1	• 9							9.2	9.
SE	• 4	• 9	1.2	. 9	•1				i			3.6	8.
SSE	•1	•1		•1					-			. 4	6.
S		• !		• 3				·			!	. 4	9.
SSW			• 1	•1								. 3	11.
sw	•1	•1		• 3	• 3	• 1			·			. 9	14.
wsw	•1	• 4	.9	. 8	.7	• 5		!		 		3.5	13.
w	•3	• 3	3.2	1.6	. 4	• 5						6.8	11.
WNW	• 3	1.9	1.9	2.0	2.3	2.4	1.1	•1	 		i	11.9	16.
NW	1.2	4.1	4.3	5.9	3.1	2.0	• 5	. 4				21.4	13.
NNW	• 3	3.3	3.1	5.1	2.9	4.7	1.1	. 4			!	20.8	15.
VARBL	1.2	. 4	•1					ļ				1.7	3.
CALM	><	><	> <	><	> <		> <	> <			><	4.0	
	6.7	19.0	24.4	20.8	11.1	10.7	3.1	1.1				120.3	12.

OTAL NUMBER OF ORSERVATIONS 75

GLOBAL CLIMATOLOGY BRANCH UNAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

na 160 5	ZARAGOZA AB SP	73-81	FEB
BTATION	STATION NAME	TEARS	MORTH
		ALL WEATHER	1800-2000
		CLASS	HOURS (L.S 7.)
		COMDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
- N		•1	.1	• 3	. 4	-1	.1			 		1.2	16.3
NNE		• 1	:	!								•1	6.7
NE	• 3	• 3	1	1								• 5	3.5
ENE		• 3	. 4	•1	!							. 8	8.3
£	• 5	1.2	1.2	• 7	. 4				1	1		4.3	8.4
ESE	. 9	3.0	1.7	1.2	• 1				i			6.9	7.3
SE	1.1	2.	2.0	-1	•1							5 • 3	6.3
SSE	• 4	1.3	3	•1								2.1	5.3
5	.7	. 8	.1	• 3								1.5	5.0
SSW	• 5	• 5	1	•1		• 1						1.3	6.C
SW	.7	1.7	. 8	•5	• 5							4.2	8.3
WSW	1.7	5.0	• 5	.8	. 4	•1						8.6	6.3
w	1.5	4.2	5.0	1.6	1.1	1.2	• 1					12.0	9.5
WNW	1.5	3.7	4.4	2.8	2.5	• 6	.9	• 3	<u> </u>			16.8	11.7
NW	1.2	1.5	3.7	5.2	3.4	1.3	• 3	•1				16.1	13.5
NNW	.1	1.1	.5	2.8	1.6	1.8	.9	•1				9.0	17.3
VARBL	.4	• 5		†	1				<u> </u>			. 9	3.4
CALM		$\supset <$	><			> <	$\supset <$	$\supset <$		$\supset <$	> <	8 • 3	
	11.6	27.5	17.0	16.5	10.6	5.5	2.4	• 5				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH USAFETAC

SURFACE WINDS
PERCENTAGE FREQUENCY OF WIND

AIR MEATHER SERVICE/MAC

DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

181505	ZARAGOZA AB SP	73-81	FEB
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	2100-2300 HOURS (LST)
	<u> </u>	CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	•1					•1	i		i			• 3	12.7
NNE				1								1	
NE		• 1	•1	• 1								. 4	8.7
ENE	•1	.1	• 3							,		• 5	6.8
E	• 5	1.3	• 8	• 7						1		3.3	6.8
ESE	7.4	1.3	1.6	. 9								5.2	5.9
SE	• •	1.5	1.1	• 3			1					3.4	6.4
SSE	• 5	• 5	• 5	• 3								1.9	6.1
5	• 3	• 5	• 5		• 1				1			1 1.5	6.4
ssw	.7	• 4	• 4	• 3						,		1.7	6.4
SW	. 9	1.6	. 4	1.1	.1	•1				1		4.2	7.8
wsw	1.1	5.7	1.3	.7	. 4	. 4						9.5	7.1
w	2.5	6.0	3 . 8	3.8	1.7	1.3	. 4					19.6	9.9
WNW	• 7	2.5	5.6	5.3	1.3	.7	• 3					16.3	11.2
NW	• 1	1.1	3.6	5.€	4.1	1.9	• 1					15.9	14.7
NHW	•1	• 3	• 3	. 4	.7	.9	• 5			,		3.2	18.3
VARBL	• 5	. 3	•1							!		.9	4.1
CALM	><	><		><	> <	><	><	$\geq \leq$	><		><	11.1	
	11.1	23.3	20.4	18.8	8.5	5.4	1.3					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 755

SLOBAL CLIMATOLOGY BRANCH CONFETAC AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

J°15 J5	ZARAGOZA AB SP	73-81	F£P				
STATION	STATION NAME	TEARS	MONTH				
		ALL					
	CLAS						
		CONDITION					

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	ў %	MEAN WIND SPEED
N	· · ·	• 3	•1	•1	. 1	• 5	•1	.0				1.1	11.4
NNE	-5	•1										• 1	3.7
NE	.1	• 1	.1	• 5						†	1	. 4	5.8
ENE	• ?	• 5	. 5	• 2							i	1.4	6.6
E	1.1	2.6	1.9	. 4	.1	i				!	1	6.1	6.3
ESE	. 9	2.5	2.7	1.2	• 2	•1				1	1	7.1	7.6
SE	. 6	1.4	1.1	• 3	• 1	1				1		3.5	6.7
SSE	• 5	• 6	• 2	• 1			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					1.4	4.5
S	• 3	•5	• 2	• 1								1 - 1	5.3
SSW	.4	• 2	• 2	• 1		• ?						. 9	5.8
SW	.4	.7	• 3	• 5	• 2	.1						2 • 3	9.0
WSW	.0	2.5	.9	. 8	. 5	. 4	•1					6.2	9.1
w	1.3	3.9	2.7	2.9	1.7	1.3	• 2					13.9	11.2
WNW	. 8	3. 1	4.4	3.5	1.8	1.2	.6	• 1		1		15.3	12.1
NW	. 8	2.0	3.2	5.7	3.3	1.4	• 3	•1				16.9	13.5
NNW	.4	1.2	1.0	1.8	1.8	1.9	. 9	.1		7		9.2	16.5
VARBL	. 7	• 3	•	•0	1							1.1	3.3
CALM		$\supset <$					><		$\geq \leq$			11.9	
	9.8	22.5	19.7	17.9	9.9	6.6	2.2	. 3				100.0	9.6

TOTAL NUMBER OF OSSERVATIONS

GLUBAL CLIMATOLOGY BRANCH USAFETAC ALP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

181575	ZARAGOZA AB SP	73-81	MAR
STATION	STATION NAME	YEARS	нуном
		ALL WEATHER	0000-7200
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•1	1	• 1			• ?						• 5	14.0
NNE			i	• 1								•1	14.C
NE		!											
ENE		• 5	• 2	i				T				1.0	5.5
E	1.2	1.8	1.2	•1					1	1		4.4	5.4
ESE	• 7	.7	• 6	• 1				1				2.2	5.9
SE	• 5	1.1	1.2	• 2	i				1	 		3.1	6.6
SSE	1.1	. 4	• 1	1				T	1			1.6	3.1
5	•7	• 2	• 2	•1					 	-		1.4	4.5
SSW	• 4	• 1	•1		4				 			1.0	9.8
SW	1.1	1.4	• 2	.9	.6							4.2	8.4
wsw	2.1	2.5	1.6	2.0	.6					†		8.8	7.7
w	1.0	4.8	5.2	5.2	1.7	.9						18.7	10.2
WNW	• 2	2.7	5.3	4.3	2.7	•6	•1	.1				15.4	11.6
NW	. 9	1.1	2.6	5.8	3.6	1.7	•1	.1				15.9	14.4
NNW	•1	• ?	• 2	1.1	.6	.9	. 4					3.6	17.5
VARBL	• 5	•1	•1							1		.7	4.0
CALM	><	> <		$\supset <$	><	> <	\times	> <	> <	$\supset \subset$	> <	17.4	
	11.0	17.8	19.2	20.0	9.5	4.3	.6	•2				120.0	8.6

TOTAL NUMBER OF OBSERVATIONS 811

GLOBAL CLIMATOLOGY BRANCH USAFETAC AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

PO 16 DE ZARAGOZA AB SP 73-81 ALL WEATHER 0300-0500

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 . 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	, * ,	MEAN WIND SPEED
N	• 1			-		•1						• 2	12.0
NNE	.1	1	1	!								• 2	3.0
NE	1:	<u> </u>	1					i					
ENE	. 4	• 5	.1	1			•					1.3	3.9
E	. 6	2.1	2.0	• 7								4.9	6.4
ESE	. 9	1.5	. 5	.1				!				3.0	5.4
SE	1.0	1.4	• 5									2.8	4.6
SSE	•6	. 6										1.2	3.3
5	1.2	.7	• 2				1					2.2	3.6
SSW	.4	• 2	1	•1								. 7	5.2
SW	. 4	.9	1.0	• 5				1				2.7	7.6
WSW	2.	2.8	1.1	1.1		• 2						7.3	6.3
w	1.6	4.7	5.1	4.3	2.3	. 4						18.4	9.9
WNW	. 9	4.1	6.7	4.7	1.2	. 9	•1					17.9	10.2
NW	.4	1.4	2.8	7.0	2.5	1.4	• 1					15.5	13.7
NNW	. 4	•1	. 4	. 4	• 5	1.2	. 4					3.3	17.6
VARBL	• 6	•1	1		1							.6	2.8
CALM		$\supset <$	$\supset <$	$\supset <$	><	> <	$\supset <$	$\supset <$		$\supset <$	> <	17.9	
	11.3	21.2	19.7	18.5	6.5	4.2	.6					170.0	7.9

ENOTAL NUMBER OF DESERVATIONS

611

GLOBAL CLIMATOLOGY BRANCH USFETAC ATP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	, %	MEAN WIND SPEED
N	• ?	• 1	•1							1		• 5	4.0
NNE	1	• 2									!	• 2	6.0
NE		• 1]			• 1	6.0
ENE	• 6	• 5										1.1	3.6
E	1.0	1.1	1.0	• 2								3.3	5.3
ESE	1.5	1.1	1.2	.1							i	3.9	5 • 3
SE	1.3	1.7	• 2	• 1								3.4	4.5
SSE	1.1	. 4	• 2		• 1							1.8	4.7
S	1.1	• 1	• 2	• 1						[1.6	4.2
\$5W	• 5	• 2	. 1									. 8	4.5
sw	• 5	. 4	• 5	. 4	• 1		• 1					1.9	9.3
WSW	2.1	1.8	1.7	1.6	• 1		• 2					7.5	7.7
w	1.8	4.2	4.8	4 . 4	1.1	. 4			l		İ	16.7	9.3
WNW	1.1	4 . 2	6.4	4.6	1.1	.7						18.2	9.9
NW	1.1	1.2	2.5	5.9	2.5	2.2	• 2	• 1				15.9	14.1
NNW	• 6	• 2	• 2	. 4	• 5	. 7	• 1					2.8	14.4
VARBL										<u> </u>		I	
CALM	$\geq \leq$	\times	$\geq \leq$	$\geq <$	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	50.3	
	14.4	17.7	19.4	17.8	5.6	4.0	.7	.1				130.0	7.5

TOTAL NUMBER OF OBSERVATIONS

826

2

GL(BAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ZARASOZA AB SP 73-81 ALL WEATHER 0900-1100

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 . 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	. *	MEAN WIND SPEED
N .	• 4	• 5	•1					i				1.0	4.4
NNE	• 2	• 1										. 4	3.0
NE	• 4	• 5										. 9	3.3
ENE	1.1	1.7	• 2	•1								2.4	4.2
E	1.5	3.9	1.1	.6								7.1	5.6
ESE	1.5	2.9	1.9	.7						1		7.1	6.2
SE	.7	• 5		• 2								1.5	4.9
SSE	• 5	•1	•2									. 9	4.4
5	• 1	• 1		•1								. 4	6.0
SSW				• 2	•1							. 4	15.3
SW		• 1	• 5	. 4	• 2	• 1						1.3	12.7
wsw		• ?	• 5	.7	• 5	. 4						2.3	14.1
w	•7	1.1	3.0	3.9	1.8	1.0			1			11.6	12.6
WNW	.4	1.2	3.3	4.4	2.2	1.3	• 1					12.9	13.2
NW	1.3	2.7	4.4	7.2	4.9	2.4	•1					23.3	13.4
NNW	1.2	1.5	1.2	2.1	3.4	2.8	. 4					12.5	15.5
VARBL	• 6	•1			i							.7	2.3
CALM		$\geq \leq$	\searrow	$\geq <$	\geq	\searrow	\geq	\times	\geq		><	13.8	
	13.6	16.6	16.6	20.7	13.2	8.0	.6					100.0	9.9

EXAMPLE SERVATIONS

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•6	• 7	1.0	• 5	.6	•2	 					3.7	10.7
NNE	• 5	• 1	•1								ļ ———	.7	3.7
NE	• 2	• 2]	i								• 5	3.3
ENE	• 5	1.1	• 5							1		2.1	4.8
E	1.1	2.9	3.3	1.1	1					1		8.4	7.2
ESE	•?	1.3	3.1	2.2	• 1				1			7.0	9.4
SE	• 2	• 4	• 6	• 2					1			1.5	7.7
SSE		• 1	• 2					· · · · · · ·	<u> </u>			. 4	8.0
5									1	1		1	1
SSW	•1	• 1	•1	. 1	• 1							. 6	9.6
sw	.1	• 2	• 2	.4	• 1				1			1.1	9.3
wsw	• 1	• 2	• 2	1.0	• 7	-1			1			2.4	13.7
w	• 2	1.6	2.2	3.1	1.2	1.0						9.3	12.6
WNW	.7	1.3	2.0	2.9	1.8	3.3	.7					12.9	15.9
NW	. 4	2.7	3.8	6.6	4.3	2.7	• 5	•1	1			21.1	14.2
NNW	• 6	2.3	2.6	5.6	3.5	5.3	1.3					21.3	16.5
VARBL	1.6	1.1	1	1	1							2.7	3.1
CALM	> <	\times	$\supset <$	$\supset <$	$\supset \subset$	$\supset \subset$	> <	$\supset <$	$\supset \subset$	$\supset \subset$	> <	4.4	
	7.3	16.6	20.0	23.7	12.6	12.6	2.6	•1				100.0	12.2

TOTAL NUMBER OF OBSERVATIONS

817

GLOBAL CLIMATOLOGY BRANCH USAFCTAC ATO WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

181505	ZARAGOZA AB SP	73-81	MAR
STATION	STATION NAME	YEAR	MONTH
		ALL WEATHER	1500-1700
		CLASS .	HOURS (L S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.4	1.7	.5	1.2	.6	.7	• 5	•1		1		5.7	13.6
NNE													
NE	• 2	• 1]						. 4	3.0
ENE	• 1	• 7	• 2	•1								1.2	5.7
E	•6	2.5	3.4	1.3							Ĭ	7.9	7.7
ESE	• 2	3.0	3.2	1.6	• 2					i		8.1	8.4
SE	• Z	• 7	1.5	• 5	.1		i				Ι	3.0	8.5
388	• 2	• 1		.2								.6	7.0
5			• 1					I				• 1	8.0
SSW		.4	.4	. 4	• 2							1.3	10.8
5W	.1		•1	.6	•1	• 1						1.1	14.3
wsw	•1	• 1	. 4	.8	• 4	. 4						2.2	14.4
w	. 4	1.3	2.4	1.5	.7	• 2						6.6	10.4
WNW	•2	1.8	1.3	3.3	1.8	2.4	. 8	. 4				12.1	16.5
NW	• 5	1.7	5.9	4.2	3.4	3.3	.6	•1				19.8	14.7
NNW	.5	1.7	4.0	4.1	3.6	5.1	1.8	. 4				21.2	17.1
VARBL	2.4	1.3	•2		i							4.0	3.6
CALM	> <	> <	$\supset <$	><		$\supset <$			$\geq <$	><	><	4.6	
	6.3	17.2	23.7	19.9	11.3	12.3	3.8	1.0				100.0	12.4

TOTAL NUMBER OF OSSERVATIONS

824

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION HAME STATION HAME STATION HAME STATION HAME ALL WEATHER 1830-2030 HOURS (L.S.T.)

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	. 5	• 5	. 4	• 5	. 4	• 2	• 2					2.7	12.4
NNE	.1	• 1									·	• 2	3.0
NE	• !											• 1	2.0
ENE	1	1.	• 1									1.1	5.0
E	• 5	1.5	1.3	• 5						1		4 . 3	6.5
ESE	1.3	2.2	2,4	1.3								7.3	7.7
SE	.6	1.9	• 7	. 4	• 1							3.8	6.5
SSE	1.2	• 7	. 4	.1	•1							2.6	5.0
5	• 9	• 9		• 2								1.9	4.4
SSW	• 6	• 4		• 2								1.2	5.1
5W	•1	• 6	. 9	. 9		• 1						2.6	9.5
wsw	1.2	3.3	1.0	.9	• 5	•1						6.9	7.2
w	1.1	4.0	2.4	2.7	. 4	• 4						10.9	8.6
WNW	.7	2.7	2.9	2.2	1.5	1.7	•1	•1				11.9	12.7
NW	.9	2.9	3.5	4.6	3.6	2.4	• 4	.1				18.5	13.7
NNW	• 2	2.2	2.6	2.8	3.9	3.0	1.5	• 1				16.3	16.4
VARBL	• 5	•1	•1	•1								. 9	5.1
CALM		><	><	> <	><	\times	\geq	$\geq \leq$	\geq	$\geq <$	$\geq \leq$	6.9	
	17.7	25.3	18.7	17.4	10.4	8.0	2.2	. 4				100.0	10.1

TOTAL NUMBER OF OBSERVATIONS

823

GLORAL CLIMATOLOGY BRANCH USAFETAC ATT MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TE16 15 ZAPAGOZA AB SP 73-81 ALL WEATHER 2100-2300 CONDITION

(KNTS) DIR.	1 · 3	4 - 6	7 - 10 • I	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥56	*	SPEED 8 • 3
NNE		• !		!							!	• 1	4.
NE	·	• !										.1	4.0
ENE	.1	•1	•1								!	. 4	4.
ŧ	.6	1.5	.7	• 2					<u> </u>	1	1	3.7	5.
ESE	• 2	• 3	1.2	.7								3.0	8.
SE	• 6	1.8	1.6					i		i	!	4.3	6.
SSE	• 9	. 4	.5									1.7	4.
S	1.0	1.6	. 5	.1								3.2	4.
SSW	• 2	• 6	.7	•2								1.8	7.
SW	• 6	2.8	1.3	.9	.1	•1						5.8	7.
wsw	1.8	5.8	2.3	1.8	• 5	• 1	•1					12.5	7.
w	1.2	5.0	3.9	4.4	1.0	1.1						16.6	10.
WNW	• 2	2.4	5.5	3.4	. 9	1.7	. 4					14.5	11.
NW	• 2	1.8	2.1	5.8	5.1	2.7	. 4					18.1	15.
NNW	• 4	•1	• 5	.6	1.3	.9	• 1	•1	•1			4.1	18.
VARBL	• 2	•5										.7	3.
CALM	>	> <	><		> <	> <	$\supset <$			$\supset <$		9.7	
	8.5	25.6	21.1	18.4	8.9	6.6	1.0	.1	.1			100.0	9.

SLOBAL CLIMATOLOGY BRANCH DSAFETAC

ATT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

081605	ZARAGOZA AB SP	73-81		MAR
BOLTATE	STATION MAME	71	ARS	MONTH
		ALL WEATHER		ALL
		CLASS		HOURS (L.S.T.)
	4	COMPLITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥ 56	*	MEAN WIND SPEED
×	• 3	. 4	• 3	• 3	• 2	• 5	.1	•0				1.3	11.6
NNE	1	•1	• "	• C						,		• 3	4 . 3
NE	• 1	• 1										• 3	3.4
ENE	. 4	•7	•2	• 0								1.3	4.6
ŧ	. 9	2.2	1.5	• 5								5.4	6.4
ESE	. 8	1.7	1.8	. 9	• 0							5.2	7.3
SE	.7	1.2	• 8	• 2	• 0			i	i			7.9	6.1
SSE	.7	. 4	• 2	•0	• 0							1.3	4.5
5	• 5	• 5	• 2	.1					<u> </u>			1.3	4.4
SSW	• 3	• 3	• 2	•2	1							1.0	7.9
sw	. 4	. 8	• 6	.6	• 2	•1	• 0					2.6	8.5
wsw	1.2	2.1	1.1	1.2	. 4	• 2	• 0					6.2	8.2
w	1.7	3.3	3.6	3.7	1.3	• 7		1				13.6	10.3
WNW	• 6	2.6	4.1	3.7	1.6	1.6	• 3	•1				14.5	12.4
NW	.7	1.9	3.5	5.9	3.7	2.3	• 3	•1				18.5	14.2
NNW	• 5	1.1	1.5	2.1	2.2	2.5	.7	•1	• 5			10.7	16.6
VARBL	• 8	. 4	•1	•0			<u></u>					1.3	3.5
CALM	> <	> <	> <	> <	> <	$\supset <$	$\supset \subset$	$\overline{}$	$\supset <$	$\supset \subset$	> <	11.9	
	10.0	19.7	19.8	19.5	9.7	7.5	1.5	• 2	.0			170.3	9.6

TOTAL NUMBER OF OSSERVATIONS

6554

GLOBAL CLIMATOLOGY BRANCH US4FETAC AYE WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

. £16J 5	ZAPAGOZA AB SP	73-81		APR
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		0000-1200
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	• 3		•1	. 4								. 8	9.0
NNE		• 3										• 3	5.3
NE	• 3											• 3	2.5
ENE	. 4	•1	•1	• 3								. 9	6.4
E	1.4	1.5	1.0	• 8			i					4.7	6.4
ESE	1.3	1.6	1.5	1.3	• 3					i	i	6.7	8.0
SE	. 4	1.3	. 4	i								2.0	5.3
SSE	. 4	• 5			 							• 9	3.3
S	. 3	• 3	• 3									. 8	5.2
SSW	• 1	• 1	• 5	• 3								1.0	8.8
SW	• 3	• 5	• 5	.4	• 3							1.9	9.2
wsw	.6	1.1	• 5	.6	.1]				ļ ———	3.0	7.3
w	.9	4.8	3.3	4.2	1.9	2.2	•1	ļ — — —				17.4	11.6
WNW	1.3	3.6	6.7	4.2	1.5	. 8	.1					18.1	10.3
NW	• 5	• 3	5.2	11.5	5.7	1.6						24.9	14.1
NNW		• 5	.6	3.8	1.9	. 4		•1				7.4	15.1
VARBL			•1		<u> </u>							•1	8.0
CALM	><	$\supset <$	$\supset <$					><	><			9.6	
	8.2	16.5	20.9	27.7	11.7	4.9	.3	.1				100.0	10.1

GLGBAL CLYMATOLOGY BRANCH USAFETAC ATT JEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

81675	ZARAGOZA AB SP	73-81		APR
BOLTATE	STATION NAME		TEARS	MONTH
		ALL WEATHER		3330-8580
		CLASS		HOURS (L.S.T.)
				

SPEED (KN7S) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	•!	 					1				!	• 1	3.0
NNE		:											!
NE]										7	
ENE	. 4	• 3	. 4		. 1				1	:	!	1.2	6.7
E	.9	1.3	1.2	• 6						!	·	4.0	6.2
ESE	1.4	2.1	1.3	• 5	• 3	•1					1	5.7	6.6
SE	• 3	• H	•1	•1		·				1		1.3	5.1
SSE	• 8	• 3										1.0	2.9
5	. 4	• 3		.1								1.3	4.9
SSW	• 3	• 1	• 3	. 5								1.0	8.0
SW	.4	• 5	•1	• 3								1.3	6.1
wsw	• 6	1.7	1.4	• 8						1	1	4.5	7.1
w	1.7	4.17	3.9	4.5	1.4	•6						16.1	10.2
WNW	2.1	5.7	6.5	4.6	1.8	1.0	•1				T	21.6	9.9
NW	• 5	1.2	6.7	8.3	4.8	.6	•1	•1		1	1	22.3	13.2
NNW	•3	.4	1.3	3.0	. 9	.4	j	ļ ———				6.2	13.3
VARBL	• 3									1		. 3	2.0
CALM		><	><	> <	> <	> <			$\supset <$		$\supset <$	11.9	
-	10.3	19.0	23.1	23.2	9.3	2.8	• 3	• 1				170.0	8.9

TOTAL NUMBER OF OBSERVATIONS

775

GLEBAL CLIMATOLOGY BRANCH USPFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

181635	ZARAGOZA AB SP	73-81	APP
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	3630-0800 HOVES (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1-3	4 - 6	7 - 10	j 11 - 16 	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 1		1	!	• 1					ļ —		• 3	10.5
NNE	• 1									i		.1	2 . :
NE		1	•1									•1	8.
ENE	• 4	• 5										• 9	3.
E	1.0	• 9	. 8	, 4						i		3.0	6.
ESE	1.5	2 • 3	1.5	• 6	1							6.1	6.
SE	• 5	1.1	• 6							İ		2.3	5.
SSE	. 9	• 1										1.0	2.0
5	• 1	• 1	• 3	• 1								• 6	7.0
55W	• 3	• 3	• 3	•1	• 1							1.3	8.
sw	. 4	• 5	• 3	• 3								1.4	6.
WSW	• 5	• 8	• 6	• 8	. 1							2.8	8.
w	1.5	3.7	2.3	4.5	1.6	. 8	• 1					14.5	10.
WNW	2.0	4.5	9.0	5.3	1.4	2.0	• 5					24.7	10.
NW	1.0	1.5	5.7	9.6	4.4	. 8		1				23.3	12.
NNW	.6	• 3	. 8	1.5	1.0	• 5						4.7	13.
VARBL	1									1			1
CALM		\times			\times	\times	><	> <	><	><	><	13.6	
	11.0	16.5	22.1	23.2	9.0	4.7	•6					190.0	9.

TOTAL NUMBER OF OBSERVATIONS

© GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIG WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

616.75	JARAGOZA AB SP	73-81		APR
BTATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		0930-1100
		CLASE		HOURS (L.S.T.)
		COMPLETION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	• 5	1.9	. 4	• 5	• 1	• 3	•1					3.6	9.2
NNE		• 1									1	•1	6.3
NE	• 3	• 3		• 1							!	• 5	5.3
ENE	. 5	• 1	• 1	• 1							!	• 9	5 • 1
E	1.4	1.9	2.4	. 8	• 3	• 1				1		6.8	7.3
ESE	• 3	2.7	1.5	1.8	• 1							5.7	8 • 5
SE	· 1	• 5	. 4	• 3	• 3							1.5	9.6
SSE	il .	• 1	• 3	• 3								• 6	10.0
S	• 3	• 3	• I								!	• 6	5.0
ssw	1			• 3								• 3	13.0
sw	<u> </u>		• 1			• 1						• 3	17.5
wsw		• 3	• 1	• 3	ļ	• 1	• 1	• 1				1.0	16.3
w	• 3	• 5	1.3	2.3	2.3	• 9	• 3			<u></u>	<u> </u>	7.7	15.2
WNW	• 1	2.5	2.6	2.0	2.6	2.1	1.3	•1	• 1		<u> </u>	13.7	15.7
NW	. 4	3 • 8	6.2	8.7	7.8	2.1	• 3	• 1		<u> </u>		29.3	13.8
NNW	1.0	2.0	2.8	6.3	4.2	2.6	. 5					19.4	14.6
VARBL	1.1	• 3										1.4	2.5
CALM		\searrow	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$		6.5	
	6.2	16.5	19.2	23.5	17.6	8.4	2.5	. 4	•1			170.0	12.1

TOTAL NUMBER OF OBSERVATIONS

795

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

815.5	ZARAGOZA AB SP	73-81	APP
STATION	STATION NAME	TEARS	BORTH
		ALL WEATHER	1200-1400
		CLASS	HOURS (L.B.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	. 4	1.1	•6	8	. 5	• 3			!	T	-	3.7	13.3
NNE	. 4	٩٥							ļ			1.1	4.3
NE	 	• 2		!	•1				1			. 4	9.7
ENE	• 6			• 1	.3						!	1.0	8.1
E	•6	2.5	2.0	2.0	. 4	 	 		1			7.6	8 . 6
ESE	. 4	1.1	1.5	1.6	.6				1		1	5.3	13.0
SE	• 3	• 3	.8	. 4	.1					1	!	1.8	8.9
SSE		1		. 4								. 4	15.0
S		• 1	• 3							1		. 4	8.0
SSW				• 1								• 1	12.0
sw		• 1	• 3	.1								• 5	10.0
WSW				. 4		• 3						. 6	19.2
w	•1	• 6	.6	1.1	1.1	1.5	• 1					5.3	16.2
WNW	• *	1.6	• 8	2.4	3.0	2.9	1.5	• 3		,		12.5	16.2
NW	• 5	2.9	2.8	5.7	5.9	2.4	1.0	•1	• 1			22.5	15.3
WMM	.9	4.2	4.7	6.3	7.3	3.4	• 5	•1				27.4	14.4
VARBL	3.0	2.4	•1		,]		5.6	3.3
CALM	\searrow	\times	\times	\geq	\geq	\geq	\geq	\geq	\geq	$\geq <$	><	3.5	
	7.5	18.1	14.4	22.5	19.5	10.7	3.2	.5	• 1			100.0	12.9

TOTAL NUMBER OF OBSERVATIONS

791

GLTBAL CLIMATOLOGY BRANCH UCAFETAC ATE WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u>71575</u> ZAPAGOZA AB SP 73-81 1500-1700 HOURS (L.S.T.) ALL WEATHER CLASS COMDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	± • • • • • • • • • • • • • • • • • • •	MEAN WIND SPEED
N	-5	1.	1.0	.6	• 5	, 4				,		4.1	10.3
NNE	• 1	•1										3	4.5
NE		• 9									i	• 9	4 . 3
ENE	•1	• 4	• 4		• 1	• 3					Ī	1.3	11.1
E	. 8	3.1	1.8	1.8	• 6	• 3				1	1	8.4	9.2
ESE	• 4	• 9	1.7	2.6	• 5					!		6.1	10.6
SE	• 3	• 5	• 3	• 8							Ĭ.	1.7	9.2
SSE	· į	• 4		• 3								. 8	7.8
5		• 1	• 3	•1		•1					İ	• 6	12.2
SSW		• 1	•1								I	• 3	7.0
SW		• 1	. 4	•1		•1	• 1					. 9	13.9
wsw	• 3	• 4	• 3	• 3	• 3							1.4	9.5
w	•1	1.07	• 9	2.2	1.0	1.3						6.6	14.1
WNW	.6	. 9	1.3	2.3	1.9	2.2	. 8	•1				10.2	16.4
NW	.5	1.8	2.2	6.2	5.9	4.6	1.0	.4		• 1		22.8	17.1
NNW	1.2	2.3	4.5	6.8	7.5	3.0	• 6	. 4				26.3	15.1
VARBL	1.9	3.1	, 4									5.4	3.9
CALM	><	><			\geq	$\supset <$	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	2.2	
	6.8	17.1	15.5	24.1	18.4	12.2	2.6	. 9		•1		100.0	13.3

TOTAL NUMBER OF OBSERVATIONS

776

GLESAL CLIMATOLOGY BRANCH UL FETAC AT MEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

SURFACE WINDS

		(FROM HOURLY OBSERVATIONS)
5 1 6 1 5	ZARAGOZA AB SP	73-81

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	• 6	1.3	•6	• 3	• 3	. 4	• 1					3.5	9.6
NNE	• 1	• 1	•1							1		. 4	5.3
NE	• 1	• 1	-1		<u> </u>		1					.4	4.3
ENE	. 4	. 4	• 1	. 7	• 3		<u> </u>					1.3	8.3
E	• 5	. 9	1.1	. 8	• 6				 	<u> </u>		4.0	9.2
ESE	• 5	2.4	1.6	1.4	. 9							6.8	9.5
SE	• 8	2.1	1.4	.6	.1					 		5.0	6.9
SSE	• 3	• 3	•1	•1					—			.8	5.8
5	. 4	. 4	• 5	•3								1.5	7.1
ssw		• 3	•1	.4						† — †		. 9	9.8
SW	• 1	. 5	•1	.1	.1				 	1		1.5	7.9
wsw	• 5	. 8	• 6	. 4			 	 	 	 		2.4	6.2
w	1.7	2.1	• 9	1.0	1.5	.9	•1	 			·	7.8	11.2
WNW	• 5	2.4	2.1	3.1	1.8	1.6	•8		 	 		12.3	13.9
NW	. 9	2.0	4.6	7.0	5.9	2.5	•6		 	 		23.4	14.5
NNW	.4	2.3	1.5	7.0	6.4	3.3	.6	• 3		 		21.7	16.2
VARBL	.9	•1		•1	i ———				 	 		1.1	3.6
CALM		> <				> <	>>	> <	>	$\supset \subset$	> <	6.3	
	8.3	18.3	15.8	22.7	17.8	8.6	2.3	• 3				100.0	11.8

TOTAL NUMBER OF OBSERVATIONS

798

GLOBAL CLIMATOLOGY BRANCH USAFETAC AID WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

161535	ZARAGOZA AB SP	73-81	APR
STATION	STATION MARE	YEARS	HOMYR
		ALL WEATHER	2130-2300
		CLASS	HOUDS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	• 2	• ?	•1	• 2	• 4					ļ		1.2	10.6
NNE				i							<u> </u>	1	
NE			• 1									• 1	10.0
ENE	• 1	. 4				•1				1		.6	8.0
E	1.5	.7	.9	1.2	•1					ļ		4.5	7.1
ESE	. 9	1.0	•7	2.0						1		4.6	8.8
SE	.7	2.0	•6	.6						1		4.0	5.8
SSE	• 5	1.7	. 4	• 1								2.0	5.6
S	.1	• 7	•2									1.1	4.8
SSW	• 2	. 4	• 5	• 2								1.4	7.2
sw	. 4	1.0	• 5	• 2			. 1					2.2	7.3
wsw	.7	3.7	• 6	.9	.1	•1						6.2	6.7
w	1.0	3.1	5.0	2.9	1.9	1.1	• 2					12.2	11.8
WNW	• 4	3.5	5.4	3.5	2.5	. 9	.1					16.3	11.4
NW	.1	2.0	3.9	12.2	6.2	1.4	.2				1	26.1	14.2
NNW		.6	.6	3.4	1.7	1.4	•1	•1				6.0	16.3
VARSL	.4	•1										. 5	3.5
CALM	$\supset <$	$\supset <$			><	> <	><			$\supset <$		8.9	
	7.4	20.7	16.6	27.6	13.0	5.0	. 9	• 1				100.0	10.3

TOTAL NUMBER OF OBSERVATIONS

802

GLOBAL CLIMATOLOGY BRANCH Usafetac Als Jeather Service/Mac

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

181605	ZARAGOZA AB SP		73-81	APR
STATION	STATION Name		TEARS	MONTH
		ALL WE	ATHER	ALL
		cr	AS6	HOURS (L.S.T.)
				

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	• 3	.7	. 4	• 3	• 2	•2	• 0		1			2.2	9.8
NNE	.1	• 2	• 0									- 3	4.6
NE	.1	• 2	• []	•0	.0						1	- 3	5.5
ENE	. 4	• 3	•1	•1	.1	• 0						1.0	7.5
E	1.0	1.6	1.4	1.0	• 3	• 0						5.4	7.8
ESE	. 8	1.7	1.4	1.5	• 3	•0]	5.8	8.5
SE	. 4	1.1	• 6	• 3	•1							2.5	6.8
SSE	. 4	• 3	•1	.1								. 9	5.6
5	• 2	• 3	• 2	•1								. 9	6.5
55W	•1	• 2	• 2	•2	•0							.7	8.5
sw	• 2	. 4	• 3	• 2	•0	• 3	•0					1.2	8.5
W\$W	.4	1.1	• 5	• 5	•1	.1	•0	•0				2.8	8.0
w	.9	2.5	1.9	2.8	1.6	1.2	•1					10.9	12.0
WNW	• 9	3.1	4.3	3.4	2.1	1.7	• 6	•1	•0			16.2	12.6
NW	• 5	1.9	4.7	8.8	5.8	2.0	. 4	•1	•0	.0		24.3	14.3
NNW	• 5	1.6	2.1	4.8	3.9	1.9	• 3	•1			i	15.1	15.0
VARBL	• 9	.7	.1	.0	1							1.8	3.5
CALM		> <	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	\geq	7.8	
	8 • 2	17.8	18.3	24.3	14.5	7.1	1.6	. 3	•0_	•0		100.0	11-1

TOTAL NUMBER OF OBSERVATIONS

6318

GLERAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

 391635
 ZARAGOZA AB SP
 73-81
 MAY

 BOATTON

 STATION NAME
 TEARS
 DODD-3200

 CLASS
 BOARS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	• 2	• 4		.1								.7	5.3
NNE	. 4	• 1										• 5	2.5
NE	.1	• 6	• 6									1.3	6.5
ENE	• 2	1.0	. 6						,			1.8	5.7
E	1.1	3.5	1.7	.9								7.2	6.2
ESE	1.1	2.3	Z+5	. 9								6.7	7.0
\$E	1.5	. 4	. 4						1		i	2.2	3.8
SSE	•5	•5										1.0	3.1
5	• 2		• 1									. 4	4.0
SSW	•1	• 5	• 5		•1					I		1.2	7.5
SW	• 5	•6	• 5									1.6	5.0
wsw	1.0	1.7	1.2	1.2								5.2	7.2
W	1.2	4.2	3.4	4.4	2.1	•2						15.6	10.1
WNW	• 9	4.7	5.6	4.4	1.3	1.1	• 2					18.3	10.6
NW	• 5	2.3	5.6	8.3	2.5	• 5						19.8	11.9
NNW	•1	.4	.7	.6								1.6	9.6
VARBL	•6											. 6	2.2
CALM	><	> <	> <	$\geq <$	> <	\geq	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	14.0	
	10.3	23.2	23.6	20.9	6.0	1.8	• 2					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

815

GLORAL CLIMATOLOGY BRANCH
USAFETAC
AIF MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2816/15	ZAPAGOZA AB SP	73-81	MAY
STATION	STATION NAME	YEAR	S HOWYN
		ALL WEATHER	0300-0500
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 1							 		 		.1	2.0
NNE	.1	•1						T				• 2	3.0
NE	• 1	•1	•1					1				. 4	4.7
ENE	•1	• 9	• 6									1.6	6.2
E	1.2	2.0	1.0	• 2			1		 			4.5	5.3
ESE	.9	3.0	2.5	1.0			 		T			7.3	6.9
SE	.9	1.7	•2	•1		 				<u> </u>		3.0	4.5
SSE	.7	.6	†~					 				1.4	3.5
\$	•5	 	• 2	•1					T	†		.9	5.7
SSW	•6	• 2	- 5	•2					 	 		1.6	5.6
SW	.2	• 5	•1	•1				1	 	 		1.0	6.3
WSW	1.0	2.	• 2	• 7			 	 		 -		4.0	5.8
w	1.7	3.0	5.0	5.5	. 4	•1	 	 		 		15.7	9.3
WNW	1.5	5.9	7.5	4.4	1.5	•6		 	 	 		21.3	9.1
NW	• 2	2.4	6.5	6.7	1.2	•5	•2	 	 	 	<u> </u>	17.8	11.5
NNW	•1		•1	.9	• 2		• 1	 	 			1.5	14.3
VARBL	• 2			· · · · · ·			 	 	 	 		• 2	2.0
CALM					> <	>	$\geq \leq$				$\geq \leq$	17.4	
	13.5	22.4	24.7	20.0	3.4	1.2	. 4					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH USAFETAC AT? WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	4) - 47	48 - 55	≥ \$6		MEAN WIND SPEED
N	*	 		.1	,			1			l	.1	16.0
NNE	· · I	i	1							†			2.0
NE	. 4	• 2	•1	i						1		1 .7	4.5
ENE	• 7	1.2	.7						1			2.7	5.1
E	1.1	2.6	1.0					1				4.7	5.0
ESE	• 7	3.7	1.2	.6				1	T	1	1	6.3	6.0
SE	1.2	1.0	.9	.4						ļ	1	3.4	5.5
SSE	• 2	• 1	.4							1		1 .7	5.7
5	.4	·I	•1	•1							}	. 7	4.8
SSW	• 2	• 5	•1		•1	.1					!	1.1	7.7
\$W	• 2	• 2	1							1		• 5	3.5
WSW	• 5	1.1	• 5	.6		•1						2.6	7.2
w	1.3	3.3	4.0	3.9	.7	• 2	• 1					14.2	9.4
WNW	2.1	5.6	6.4	4.4	1.3	•6						20.5	9.1
NW	. 9	3.4	5.8	5.3	2.1	•6		1				19.0	11.0
NNW	• 2	• 6	•2	1.3	.9	. 4						3.7	13.2
VARBL	•1	•1								1		• 2	3.0
CALM		$\supset <$			$\supset <$	$\supset <$		> <	$\supset <$		> <	18.4	
	11.0	23.9	21.5	17.8	5.2	2.1	.1					120.0	7.2

TOTAL NUMBER OF OBSERVATIONS

815

GLOBAL CLIMATOLOGY BRANCH USAFETAC AID WEATHER SERVICE/MAC

SSW

SW

wsw

WNW

NW

VARBL

1.0

3.5

19.7

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

081605	ZARAG	SOZA AB	SP				73-	81					w	AY
STATION			ETATIO	H-ME						FLARS				BONTH
						ALL WE	ATHER						D 903	-1100
							LARS						Move	8 (L.S.T.)
		_				co	NOITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N	1.0			•1		.1						1.2	5.9
	NNE	• 5	•1		1		1						• 6	2.6
	NE	• 2	• 5	• 2		T	1						1.0	5.4
i	ENE	1.2	1.7	1.4	.4		1						4.7	5.6
	ŧ	1.5	4.6	2.8	1.1	1.							10.1	6.6
	ESE	• 5	1.8	1.8	1.6	•1	1						5.9	8.4
	SE.	• 2	.6	1.1	•2								2.2	7.3
	SSE	.2	•1	-1	-1				 	1			. 6	6.6

100.0 9.7
TOTAL NUMBER OF OBSERVATIONS 611

6.0

1.1 11.9

1.2 10.9 7.4 12.8

13.2 13.5 21.2 11.8 19.6 12.0 3.3 2.8

6.5

USAFETAC FORM JUL 44 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

.6

3.5

5.2

8 • D

6.0

27.3 10.0

2.6

2.8

1.2

1.2

.1

1.2

2.1

4.8

22.2

GLOSAL CLIMATOLOGY BRANCH USAFETAC ATE WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

FRIS ZARAGOZA AB SP 73-81 MAY

BYATION MANE ALL WEATHER 1200-1400

CLAMS BOWES (C.E.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ \$6	*	MEAN WIND SPEED
N	• 5	2.1	1.0	.6	.7		1					5.3	8.5
NNE	. 4	. 6	.1									1.1	4.4
NE	• 2	1.1	• 5	1						1	1	1.9	5.6
ENE	.7	1.4	1.2	• 2			[1		3.6	6.2
E	1.1	3.1	3.2	2.9	• 2	•1				1		13.7	8.6
ESE	• 5	1.1	2.6	2.11	• 2	• 2			1		!	6.7	9.9
SE	•1	•2	.7	• 5			1.		1	1		1.7	10.4
\$5€	1	• 6							1	1		. 6	4.4
5	• 2		•2									. 5	5.5
\$5W		• 1	. 4	• 5								.7	8.8
sw	•1	1	. 4	• 2								.7	9.5
WSW	1	• 4	• 5	1.1		• 1						2.1	11.5
W	1	• 5	1.1	1.9	.6	• 2						4.3	12.5
WNW	. 9	.7	2.7	4.3	3.0	1,4						13.0	13.5
NW	• 1	1.6	2.0	5.1	3.2	. 9						12.9	13.5
NNW	.9	2.5	4.8	7.1	5.5	.7	• 4		Ţ	1		21.8	13.2
VARBL	4.7	5.2	• 7	.1								10.8	3.9
CALM						$\supset <$	$\supset <$		$\supset <$	$\supset <$	><	1.7	
	10.5	21.3	22.3	26.3	13.5	3.7	• 5					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS

806

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIC MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

GP1505	ZARAGOZA AB SP	73-81	MAY
STATION	SMAN HOITATE	YEARS	MONTH
		1500-1700	
		CLASS	HOURS (L.S.T.)
			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	.6	2.1	1.4	2.1	.6		•1				•	7.0	9.7
NNE	. 4	. 9		· — — — — ·							1	1.2	4.0
NE	.6	1.4	• 2	•1							1	2.4	4.8
ENE	1.0	2.6	1.1	• 5			<u> </u>					5.2	6.7
E	1.0	3.1	3.5	3.4	. 4	•1	i			!		11.4	8.9
ESE	• 1	2.0	1.9	2.5	. 4	• 2		!		1	1	7.1	10.2
SE	• 1	.5	• 6	.6	• 2		!					2.2	9.4
SSE	• 1	• 5	.4	•1								1.1	7.0
S		• 5	•1									• 5	6.2
ssw	• 1	• 1	• 5									• 7	7.7
SW	• 1	• 1	• 5	.9		•1						1.7	11.6
wsw		• 5	• 9	.7	•1							2.2	9.8
w	. 4	1.0	•7	• 2	.6	• 2	• 1					3.4	10.7
WNW	•2	1.1	2.7	3.5	2.5	1.2						11.3	13.9
NW	.7	2.1	1.6	4.2	2.6	1.4						12.7	13.1
NNW	.4	1.0	5.3	5.2	6.2	1.2	• 5					19.9	14.4
VARBL	2.9	3.6	• 5		1 .1							7.1	4.2
CALM		> <		\geq		$\geq <$	$\geq \leq$		\geq			2.6	
	8,8	23.3	22.0	24.1	13.8	4.6	.7					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-81 ZARAGOZA AB SP ALL WEATHER 1800-2000

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	44 - 55	≥.56	¶ , %	MEAN WIND SPEED
N	1.1	1.6	1.7	1.2	• 1	•1						5.9	7.9
NNE	• 2	. 4		,								. 6	3.0
NE	• 5	• 5	• 2									1.4	4.1
ENE	•6	1.	• 6	• 6			1			!		2.9	6.9
ŧ	1.2	3.7	2.4	1.5	• 5	•1						9.4	7.9
ESE	• 7	3 • 0	2,4	1.9	• 5							8.4	8.4
SE	1.2	1.5	1.4	. 9	. 4	•1						5.5	8.7
SSE	• 5	• 6		•1								1.2	4.5
\$	•1	• 1	•1	• 1								• 5	7.0
\$\$W			. 4	. 4								• 7	10.7
SW	•1	• 5	•1	•6								1.4	9.3
WSW	• 6	• 2	1.1	• 2								2.2	7.3
W	• 5	1.4	1.0	2.2	.7	• 5	· ·		1.			6.1	11.3
WHW	.7	1.1	1.4	2.9	2.0	1.5	• 2					9.8	14.1
NW	.7	3.5	3.1	4 . 3	3.2	1.1						16.0	12.2
NNW	.7	1.9	3.7	5.5	3.0	1.5	• 2		}			17.6	13.2
VARBL	1.1	. 7	. 4									2.2	4.1
CALM	><	><		$\geq <$	><	><	\geq	\geq	$\geq \leq$	><	\geq	8.2	
	13.9	21.8	20.0	23.5	10.4	4.7	.5					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

807

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIT REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

381535	ZARAGOZA AB SP	73-81	MAY
STATION	STATION HAME	TEARS	BONTH
		ALL WEATHER	2100-2300
		CLASS	HOVES (L.S.T.)
		COMPITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	•1	Ţ		· · · · · · · · · · · · · · · · · · ·							:	. 2	3.5
NNE	!			. 1				,			!	• 1	14.3
NE	. 4	• 2	• 5	1							1	1.1	5.a
ENE	• €	• 5	. 4	. 4	• 1							1.8	7.4
E	1.3	7.3	2.8	1.8	.1						1	8.1	7.9
ESE	1.1	3.4	2.5	.6	• 2					ł	!	7.8	6.6
SE	•6	1.7	. 9	• 2							Ī	3.4	5.6
SSE	. 9	• 6	• 5	,								2.0	4 • 2
S	1.0	• 0	.6	.1							Ĭ	2.6	5 • 1
\$5W	. 4	• 2	. 4	•1								1.1	5.6
SW	1.1	• 6	• 5	• 2	•1							2.6	5.8
wsw	2.0	3.4	. 6	.7	•1				I .			6.9	5.4
w	1.3	3.6	2.0	4.5	1.8	• 1			L _			13.4	10.3
WNW	. 9	2.3	5.1	2.0	1.5	1.0						13.2	10.4
NW	. 4	1.8	5.8	8.5	2.5	• 1	• 2	•1		I		19.4	12.1
NNW	. 4	.6	1.1	2.2	• 6							4.9	11.2
VARBL	•2	.1			1					i		. 4	3.3
CALM	><	><	> <	$\geq <$	$\geq \leq$		$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	11.0	
	12.5	22.7	23.5	21.6	7.1	1.2	• 2	. 1				100.3	8.0

TOTAL NUMBER OF OBSERVATIONS 816

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

081605	ZARAGOZA AB SP	73-81	MAY
STATION	STATION NAME	TEARS	MORTH
		ALL WEATHER	ALL
		CLASS	HOURS (L S.T.)
		COMUTION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	• 5	• 8	• 5	• 5	• 2	. 0	• 2			1		2.5	8.4
NNE	. 3	• 3	• 77	• 0			i			1	,	• 6	3.8
NE	. 3	•6	• 3	• 0							;	1.3	5.2
ENE	. 6	1.3	9.	• 3	•11						!	3.0	6.1
E	1.2	3.1	2.3	1.5	• 2	• 0				!	1	8.3	7.4
ESE	.7	2.5	2.2	1.4	• 2	• 1						7.0	7.9
SE	. 7	1.7	• 8	• 4	•1	• []	• 13			1	1	3.0	6.7
SSE	. 4	. 5	• 2	• 0							!	1.1	4.7
\$	• 3	• ?	• 2	• 1								. 8	5.4
ssw	• 2	• 2	• 3	.1	•1	• 7						. 9	7.9
SW	• 3	. 4	. 3	• 3	• 7	• 5	i					1.3	7.9
WSW	.6	1.2	.7	• 8	• 0	• 1						3 . 3	7.3
W	.9	2 • 2	2.3	3.3	1.0	. 3	• 0					10.0	10.3
WNW	1.0	2.9	4.2	3.9	5.0	1.1	.1	I				15.1	11.3
NW	. 6	2.5	4.5	5.4	2.5	.7	. 1	0.		1		g 17.4	12.0
NNW	• 5	1.3	2.6	3.7	2.4	• 6	• 2					11.3	13.0
VARBL	1.5	1.3	•2	• 0	• 0					1	1	3.1	3.8
CALM		$\geq <$		><	><	><	><		><			10.0	
	17.6	22.3	22.5	22.7	8.7	2.9	.4	•0				100.3	8.8

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH

USFETAC ATC WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3 16)5 ZARAGOZA AB SP 73-81 JUN STATION NAME ALL WEATHER 0000-0200 CONDITION

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N		• 1	1		• 1							3	- 11.0
NNE	 			• 1	i							• 1	11.7
NE		• 1	•1	,				i	<u> </u>	!		• 3	8.3
ENE	• 1	• 4	. 4	†								.9	6.7
E	• 5	2.6	2.2	• 3	†							5.5	6.5
ESE	. 8	1.6	• 5	. 4			!					3.2	5.1
SE	•6	• 8	• 5	.4						1		2.3	5.9
SSE	• 1	• 1	• 3		1							• 5	5.3
S	• 5	• 6										1.2	3.2
SSW	.1	• 3		•1								• 5	6.3
SW	• 3	• 5	<u> </u>	ļ	• 1							. 9	6.1
W5W	1.4	1.9	• 3	• 3								3.9	4.8
w	1.6	3.4	2.7	4.4	2.1	1.2						15.3	11.2
WNW	. 8	4.7	7.1	8 • C	2.3	. 4	• 1					23.4	10.7
NW	. 4	2.1	5.0	7.9	4.4	. 4						23.2	12.7
NNW	• 3	• 6	.6	2.2	1.7	•6						6.1	14.3
VARBL	. 8	• 3	. 4	1	1							1.4	4.6
CALM	><			><		><	$\supset <$	$\supset <$	$\geq <$		> <	14.0	
	٥,3	20.1	20.2	24.1	10.7	2.6	• 1					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

773

USAFETAC $\frac{\text{FORM}}{\text{JUL-64}}$ 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ZARAGOZA AB SP 73-81 0300-0500

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥56	•	MEAN WIND SPEED
N			1									ļ	!
NNE				• 1								• 1	12.0
NE											<u> </u>	il .	
ENE		• 1									i	1	4.0
E	• 5	Z • Z	1.2	• 1			ĺ					4.0	5.8
ESE	• 7	1.7	• 7							i	1	2.3	5.1
SE		• 5	• 5									1.3	6.2
SSE	. 4	• 4										. 8	3.3
5	1.2	• 7	• 1									2.0	3.3
55W	• 7	• 1							1			. 8	2.7
SW	• 5	• 9		• 3								1.7	5.4
wsw	2.1	2.0	• 3	• 3								4.6	4.5
w	3.1	4.6	3.0	5.1	• 9	.1						16.8	8.6
WNW	• 5	5.1	7.7	5.1	2.0	• 3	• 3					8.05	10.3
NW	• 9	4.4	6.4	9.0	2.5	• 3	•1					23.5	10.9
NNW		• 3	• 4	2.7	• 9	•5						4.8	14.5
VARBL	. 9	• 5										1.4	2.7
CALM	><	><	><	><	><	><			$\supset <$	><	$\geq <$	15.0	
	11.4	23.7	20.2	22.6	6.2	1.2	. 4					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

769

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 # 1 5 3 5	ZARAGOZA AB SP	73-81	JUN				
STATION	STATION NAME	YEARS	HOMPH				
		0600-0800					
	CLASS						
		CONDITION					

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 3	• 3	• 1	• 1						<u> </u>		. 8	6.7
NNE	i											-	1
NE	• 3	• 1										. 4	2.3
ENE	1	• 3										. 3	5.0
E	2.2	2.2	1.7	•1								5.4	4.6
ESE	1.3	1.7	. 9	.1							Ī	3.3	5.0
SE	.4	• 6	. 4	.1								1.5	5.4
SSE	• 8		• 3									1.0	3.9
\$	• 4	• 1		• 1								• 6	4.8
SSW	• 4	•1										• 5	2.8
SW	• 9	• 3										1.0	2.8
WSW	.9	1.1	• 3	• 3								2.5	5.0
W	1.4	3.3	3.4	2.4	• 5							11.0	8.2
WNW	1.1	4.9	7.2	6.3	1.9	. 4						21.9	10.1
NW	• 3	5.2	9.1	8.0	3.0	• 1	.1					25.9	10.7
NNW	1	1.1	2.2	3.4	1.0							7.9	11.5
VARBL	.9	• 3			L							1.1	2.6
CALM		$\supset <$	$\geq <$	$\supset <$	$\geq <$	><	><	$\geq \leq$	$\geq \leq$	$\geq <$		14.8	
	11.3	20.9	24.8	21.0	6.5	• 5	.1					100.0	7.6

TOTAL NUMBER OF DESERVATIONS 789

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR JEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

081605	ZARAGOZA AB SP	73-81		JUN				
ATATION.	BHAN MOITATS		TEARS	H01174				
	ALL WEATHER							
		CLASS		MOUNS (L.S.T.)				

	9.5	22.2	24.1	24.5	11.2	2.7	.1					100.0	9.6
CALM	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	5.7	
VARBL	5.1	2.5	• 1									7.7	3.2
WMM	• 6	3.5	7.3	7.6	3.3	• 5						22.9	11.4
NW	• 3	3.7	6.7	8.1	4.9	1.0						24.6	12.4
WNW	. 6	2.9	2.1	4.4	2.1	. 9						13.1	12.1
W	•1	1.1	1.4	1.6	. 8	• 3	•1					5.4	12.0
wsw	,	• 1	• 8	• 3	.1							1.3	10.2
SW			•1									• 1	9.0
SSW										1			
S			1	1					1		1	1	
SSE		•1	•1							1		• 3	5.5
SE	• 5	• 6	• 4	. 4				ļ ————		1		1.9	6.1
ESE	• 3	1.5	1.9	• 5				1				4.2	7.4
E	1.0	2.5	1.5	. 8							i	5.8	6.2
ENE	.6	1.11	. 9	• !								2.7	6.
NE		• 5		1								.5	4.5
NNE	•3		1							i	!	1 .3	2.5
N	•1	2.7	.8	. 8					 	 	}	3.7	7.1
SPEED (KNTS) DIR.	1.3	4-6	7 - 10	31 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED

TOTAL NUMBER OF OBSERVATIONS

707

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

081505	ZARAGOZA AB SP	73-81	JUN		
STATION	STATION HAME	YEARS	MONTH		
		ALL WEATHER	1200-1400		
		CLASS	HOURS (L.S.T.)		
		COMPLTION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	.9	2.4	1.5	. 8	• 6							6.2	7.8
NNE	• 5	• 6	.1					1				1.3	3.9
NE	• 5	• 3	. 4									1.1	4.3
ENE	. 4	1.9	• 5	.1								2.9	5.5
E	• 5	3.2	3.8	1.5				 				9.0	7.8
329		1.5	2.0	.9	•1	•1		ļ	1			4.7	8.9
SE	• 3	• !	• 3	• 5								1.1	8.3
SSE		•1	T	† 	<u> </u>							.1	4.0
5		• 1		1								.1	4.0
SSW		• 1	•1					1				.3	6.0
sw	•1	• 3		•1	•1							. 6	9.4
wsw		• 1	. 8	•3					ļ ———			1.1	9.7
w	• 1	1.0	1.4	.8	.4	. 4	.1	 		ļ		4.2	11.5
WNW	• 3	1.4	1.9	3.2	1.8	.9						9.4	13.0
NW	•5	1.0	3.6	5.8	1.8	1.1			ļ ———			14.7	12.4
NNW	•8	3.4	6.2	7.6	4.9	.9		-				23.9	12.2
VARBL	4.1	8.8	3.3	.4				1				16.5	5.2
CALM							\supset					2.7	
	8.9	27.3	25.9	22.0	9.8	3.4	•1					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

788

SLOBAL CLIMATOLOGY BRANCH USAFETAC ATP FEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

081605	ZARAGOZA AB SP	73-81	NUL
SYATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	1500-1700
		CLASS	HOURS (L.S.Y.)
		400-0-0	

	7.2	26.5	22.5	24.1	12.6	4.0	. 4		1	}		100.0	10.
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	2.5	
VARBL	1.9	5.7	3.7	. 4								11.6	5.
NNW	. 4	3.5	5.9	6.7	5.2	1.8						24.5	13.
NW	• 1	1.4	2.4	4.4	2.7	. 9	. 1					12.0	13.
WNW	•5	1.3	1.9	3.4	2.4	.6	.1					10.2	13.
w		• 8	• 5	1.6	.8	. 4						4.0	13.
wsw		• 3	• 3	• 6								1.1	9.
sw				 	•1							• 1	18.
SSW		 	• 3	•1								.4	10.
5	• 3	•1	• 3	• 3			•1			i		1.0	10.
SSE	.1	• 3	. 4	•1								. 9	8.
SE		• 5	• 5	• 5								1.5	9.
ESE	• 3	1.9	1.1	2.0	•1	• 3						5.7	9.
E	1.0	4.6	1.9	1.8								9.2	6.
ENE	. 8	1.9	1.7	• 5	.1							4 . 3	6.
NE	. 5	-8		1								1.3	3.
NNE	• 5	1.0										1.6	3.
N	•8	2.7	2.4	1.6	• 3	• 1						7.8	8.
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAI WINS SPEES

TOTAL NUMBER OF OBSERVATIONS

SLORAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

081635	ZAPAGOZA AB SP	73-81	NUL
STATION	STATION NAME	TEARS	MONTH
		1800-2000	
		CLASS	HOURS (L.S.T.)
		ACCOUNTS OF THE PARTY OF THE PA	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 35	≥56	*	MEAN WIND SPEED
N	. 4	2.0	1.6	• 5	. 4							4.9	7.9
NNE	• 6	. 4	•1	•1						[1.3	4.6
NE	• 5	• 6								T		1.1	3.3
ENE	.6	1.9	. 4									2.9	4.9
E	1.4	1.9	1.3	1.4	.1]		1		6.1	7.7
ESE	• 6	1.6	1.6	2.2	•1	. 4					i	6.6	9.9
SE	•1	1.1	1.1	•1						Ţ		2.5	6.8
SSE		1.3	.9	• 3				·				2.4	7.1
S	• 1	•1	• 5	•1	.1							1.0	9.1
SSW			•1			•1						• 3	16.0
5W		• 4	. 4	. 5	• 1	•1					1	1.5	11.8
wsw		• 9	. 4	• 5								1.6	8.6
w	• 3	1.1	1.1	2.7	. 4	• 4						6.0	11.4
WNW	• 5	• 3	1.8	3.5	1.3	1.1	• 1					8.6	13.9
NW	• 5	3.5	3.4	6.5	3,5	1.5						19.0	12.8
NNW	.6	2.3	5.2	8.4	4.9	2.7						23.4	13.5
VARBL	1.9	2.3	. 8	• 3	1			1		1		5.2	4.9
CALM		$\supset <$		$\supset <$			$\supset <$					5.3	
	8.2	21.8	20.8	27.0	11.0	5.7	•1					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS

789

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

081505	ZARAGOZA AB SP	73-81	NUL
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	2100-2390
		CLASS	HOURS (L.S.T.)
		COMDITION	-

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	\ 	MEAN WIND SPEED
N	• 3	• 3	• 3	•1								.9	6.0
NNE	.1	• 1	•1									. 4	5.
NE	.1											.1	2.
ENE	•1	• 3	• 3									. 6	6.
E .	1.1	1.8	.9	1.0	•1							5.0	7.
ESE	• 5	1.9	243	. 8	•1	.1				i		5.7	7.
SE	.5	1.1	• 5	. 4						i		2.8	6.
SSE	.9	• 6							1			1.5	3.
S	• 5	1.1								1		1.7	3.
ssw	.1	• 6	• 3								1	1.0	4.
sw	• 5	1.4	• 5									2.4	4.
wsw	. 9	3.7	• 3			1						4.8	4.
w	1.5	2.4	2.8	2.8	1.0	• 5						11.1	10.
WNW	• 5	4.3	4.1	5.0	2.8	.9	• 3					17.9	11.
NW	• 5	3.1	4.7	9.7	4.1	.9	• 3					23.2	12.
NNW	.4	1.0	1.9	2.3	2.4	.9						8.9	13.
VARBL	1.1	. 4	. 8							ĺ		2.3	4.
CALM	> <	> <	> <	\sim	$\supset <$	$\supset \subset$	$\supset <$	$\supset <$	$\supset <$	$\supset <$	><	9.6	
	10.1	24.2	19.6	22.1	10.6	3.3	• 5					100.0	9.

TOTAL NUMBER OF OBSERVATIONS 784

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIF WFATHER SERVICE/MAC

CE/MAC PERCENTAGE FREQUENCY

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

181605	ZARAGOZA AB SP	73-81	JUN
BOLTATION	STATION HAME	YEARS	MONTH
		ALL WEATHER	ALL
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥56	*	MEAN WIND SPEED
N	• 3	1.2	. 8	•5	• 2	• C						3.1	7.9
NNE	• 3	• 3	•0	•0								• 6	4.3
NE	• 2	• 3	.1									.6	3.9
ENE	• 3	1.0	. 4	•1	.1			i — — —	I			1.8	5.9
E	1.0	2.6	1.7	.9	•0				T			6.3	6.7
ESE	• 5	1.5	1.4	.9	• 1	•1	1			i	i	4.5	8.0
SE	• 3	• 7	• 5	• 3		<u> </u>						1.9	6.7
SSE	• 3	. 4	• 2	•0								. 9	5.4
S	.4	. 4	•1	•1	• 0		•0					• 9	5.3
ssw	•2	• 2	•1	•0		•0						• 5	5.8
SW	• 3	• 5	•1	•1	• 1	.0						1.1	6.6
wsw	.7	1.3	. 4	• 3	•0							2.6	5.8
w	1.0	2.2	2.0	2.7	. 8	. 4	•0					9.2	10.2
WNW	•6	3.1	4.2	4.9	2.1	.7	• 1	1				15.6	22.4
NW	. 4	3.2	5.2	7.4	3.4	.8	•1					70.4	12.1
NNW	• 4	2.0	3.7	5.1	3.2	. 9						15.4	12.7
VARBL	2.1	2.6	1.1	1.	1							5.9	4 . 8
CALM	$\supset <$		\sim	$\supset <$	> <				$\supset <$	$\supset <$	><	8.7	
	9.4	23.3	22.3	23.4	9.8	2.9	•2					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

6275

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

081605	ZARAGOZA AB SP	73-81	JUL				
STATION	STATION HAME	YEARS	MONTH				
		0000-0200					
	CLASS						
		COMBITION					

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥\$6	*	MEAN WIND SPEED
N		•6		.1								.7	6.2
NNE	i	• 2								<u> </u>		• 2	4.5
NE		• 1										• 1	4.D
ENE	.1	• 5	• 5	•1						1		1.4	6.7
E	1.4	2.3	2.5							1	i	6.2	5.8
ESE	• 6	Z . 8	1.2	• 2	,	• 1			<u> </u>	1	i	5.0	6.4
SE		• 4	• 5							,		1.0	6.5
SSE		• 2										• 2	4.0
5	• 2	• 2										• 5	4.0
55W	• 2		• 2									• 5	.5
sw		. 4	. 4	•2					1			1.0	8.0
wsw	.6	. 4	.1	. 4	. 4			Ī				1.8	9.1
w	• 4	2.3	4.1	3.8	1.7	• 4						12.7	11.3
WNW	. 4	2.7	7.9	8.6	3.1	1.7	•1					24.5	12.4
NW	• 2	2.1	6.8	14.3	6.2	1.4				1		30.9	13.5
NNW	•1	. 4	1.1	3.2	.9	•2				1		5.9	13.5
VARBL	•1	.4								1		. 5	4.0
CALM		><	\sim		> <	><	> <	$\supset <$	> <	> <	><	6.9	
	4.4	16.2	25.3	31.0	12.2	3.8	• 1					100.0	10.6

TOTAL NUMBER OF OBSERVATIONS

813

GLOBAL CLIMATOLOGY BRANCH USAFETAC AID WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

0.51605	ZARAGOZA AB SP	73-81	JUL
STATION	STATION HAME	YEARS	MONTH
		ALL WEATHER	9330-3530
		HOURS (L.S.T.)	
		COMBITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		•1	1	•1					1			• 3	7.5
NNE	•1		.1						T			. 3	6.0
NE	• 3											• 3	2.5
ENE		• 5										• 5	5.0
E	. 4	1.5	1.1									3.0	5.3
ESE	.6	2 • 3	.9	• 3								4.3	5.6
SE	•1	1.0	• 6	.6								2.4	7.7
SSE	• 4	•1	• 1									• 6	4.0
5	• 5	• 1										• 6	3 • D
SSW	• 3											• 3	1.5
sw	• 1	• 4	• 1									.6	4.4
wsw	• 9	• 1	•1	. 3	. 3							1.5	7.5
w	2.3	4.6	3.9	7.8	1.6	• 3						20.4	10.0
WNW	. 4	5.8	10.1	7.1	1.6	1.1						26.1	10.4
NW_	• 5	• 3	5.8	12.6	4.3	• 5						24.7	13.3
NNW	• 3	• 4	1.5	3.4	. 6							6.1	11.9
VARBL	• 4	• 3										.6	3.0
CALM	$\supset <$			$\geq <$	><	$\supset <$	$\geq <$		$\geq \leq$			8.5	
	7.3	17.4	24.4	32.3	8.4	1.9						ם.סינו	9.5

TOTAL NUMBER OF OBSERVATIONS

800

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

091605	ZARAGOZA AB SP	73-81		JUL
STATION	STATION NAME		YEA RB	NONTH
ora ram		ALL WEATHER		0600-0800
		CLA98		HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ \$6	*	MEAN WIND SPEED
N	•1	•1							 -			• 2	4.0
NNE	• 1											•:	2.0
NE	•2	• 1		1								. 4	3.5
ENE	.4	. 4	• 1						1			.9	3.7
Ε	1.3	1.8	• 5						1	,		3.7	4.6
ESE	• 6	1.1	• 9	• 2								2.8	6.1
SE	• 2	1.0	• 2	• 5				1	1	1		5.0	7.3
SSE	• 5	• 5							;			1.0	3.1
\$	• 2	• 1						1				. 4	2.7
SSW	•2							1			1	• 5	2.5
SW	• 4										i	. 4	2.3
wsw	• 2	• 5		• 2					1			1.0	6.1
w	1.1	2.7	4.1	5.5	• 5	.1			1		1	14.0	9.9
WNW	• 2	5.2	10.2	8.5	1.7	. 9			1			26.8	10.6
NW	. 4	2.7	7.0	11.7	3.9	•?		,				25.1	12.4
NNW	-1	1.5	1.0	5.1	1.7	.4						8.5	12.9
VARBL		• 4										. 4	4.0
CALM	$\supset <$	> <	><		><	><	><		$\supset <$	><		12.2	
	6.5	16.8	24.0	31.8	7.1	1.6						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

820

GLCBAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

FP1505	ZARAGOZA AB SP	73-81	JUL
STATION	BUAR POTTATE	TEARS	MONTH
		ALL WEATHER	3930-1100
		CLAM	HOURS (L.S.Y.)
		COMBITION	<u></u>
	~		

CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	> <	>>	$\geq \leq$	4.9	
VARBL	2.0	1.1	• ?							L		3.3	3.
NNW	1.0	3.0	5.5	9.6	6.2	• 5	• 2	• 2				26.3	13.
NW	1.2	2.9	6.5	17.2	4.1	1.1	• 1					26.2	12.
WNW	• 2	2.2	3.5	6.0	2.3	1.1						15.4	12.
w		•6	.7	. 9		•1						2.3	10.
wsw					• 2	1						• 2	18.
sw			1		• 1							• 1	18.
SSW		• 1	1									• 1	4.
5	• 2]		• 2	2.
SSE			• 1									, 1	10.
SE	• 1		• 4	• 4			i			}		. 9	10.
ESE	• 4	1.3	2.6	• 5	1		1			i		4.8	7.
E	• 5	3.9	3.3	. 4								8.3	b.
ENE	• 7	1.3			1							2.1	4 .
NE	•1	.7				1				T		. 9	4.
NNE	. 3	• ?		·								1.1	2.
N	.7	1.7	• 6	.5	.1	•1				 		3.7	7.
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 36	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEA WIN SPEE

TOTAL NUMBER OF OBSERVATIONS 820

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SLOBAL CLIMATOLOGY BRANCH

USAFETAC ATT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND D CTION AND SPEED

(FROM IRL': OBSERVATIONS)

TF1535	JARAGOZA AB SP	73-81	JUL
STATION	STATION NAME	YEARS	MONTH
		EATHER	1230-1403
		CLASS	HOURS (L S.T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	. 4	2.4	1.7	. 4	.7	·····			•			5.6	8.3
NNE	•1	• 7	•1		•1				:			1.1	6.8
NE	• • • •	1.8	• 1						1			2.4	4.4
ENE	. 4	3.6.2	1.3					1		-		4.9	5.6
ŧ	. 9	4 • C	4.8	7.4	1					•		12.2	7.9
ESE	• 1	•	1.5	1.3					· · · · · · · · · · · · · · · · · · ·			3.7	9.7
SE	!		• 1	• 1	1	1						. 4	9.3
SSE												1	
5					1								
55W			• :	1				1		!		• 1	8.0
SW				• 1								• 1	16.3
WsW		• 3		• 2	• 2	• 2			i			1.0	15.6
_w	• 1	• 2	• 2	. 4	• 1			1				1.1	10.7
WNW	• 7	• 6	2.1	2.8	1.7	1.1				7		9.0	13.1
NW	. 5	2.5	2.8	5.9	1.8	1.2	• 2			1		15.0	12.3
HWW	1.0	3.2	7.1	12.2	4.4	2.1	, 5	. 1				30.4	13.1
VARBL	2.3	5.7	1.6	• 2								9.9	5.3
CALM	><	><			$\supset <$	> <	><	><			> <	3.2	
	7.0	25.6	23.4	26.1	9.3	4.6	. 7	• 1				170.7	10.1

TOTAL NUMBER OF OBSERVATIONS

823

AD-A138 281 UNCLASSIFIED	ZARAGOZA AIR E SURFACE WEATHE TECHNICAL APPE USAFETAC/DS-83	ASE SPAIN REV R OBSERV(U) ICATIONS CENT 1/051 SBI-AD-E	ISED UNIFORM AIR FORCE EN ER SCOTT A 850 504	SUMMARY OF VIRONMENTAL 09 DEC 83 F/G 4/2	2/5	
			<u> </u>			
_		<u> </u>				



MICROCOPY RESOLUTION TEST CHART
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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

781505	ZARAGOZA AB SP	73-81	JUL
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	1500-1700
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.7	1.9	1.2	1.5	.6	.6	• 2					6.8	11.0
NNE	.6	. 8	• 2									1.7	4.5
NE	• 5	. 8	• 2									1.7	4.4
ENE	. 4	3.0	1.5	•1								5.0	6.0
E	•2	5.0	5.9	2.7	•1							14.0	8 . 3
ESE	.6	1.1	2.1	. 8	• 1							4.7	8.2
SE	. 4	• 2	.7	• 2	• 2							1.8	8.9
53E	-	• 1	_	• 2								. •	10.0
s	i	• 1	•1	•1								. 4	8.7
SSW	• 2			•1								. •	7.0
sw			-	•1								• 1	14.3
WSW		·		•1								• 1	12.0
w	• 1	• 1	• 2	•7								1.2	10.6
WNW	• 1	• 5	2.4	2.4	1.5	1.2	. 4					8.5	14.7
NW	• 5	1.7	2.5	4.2	2.4	1.5						12.9	13.4
NNW		3.5	5.0	10.7	5.6	2.1	.6					27.4	13.9
VARBL	2.5	5.2	3.0	.7	1					1		11.5	5.7
CALM		$\supset <$	> <	\supset	$\supset <$	$\supset \subset$	$\geq <$	\times	$\supset <$		> <	1.5	
	7.0	24.3	25.2	24.9	10.6	5.3	1.2					190.0	10.6

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

81605	ZARAGOZA AB SP	73-81	JUL
STATION	STATION NAME	YEARS	MORTH
		ALL WEATHER	1800-2000
		CLANG	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.7	1.9	1.9	1.5	1.0	•?						7.3	9.8
NNE	• 5	• 1								1	1	• 6	2.6
NE	. 4	.7	• 2									1.3	4 . 3
ENE	5	1.2	• 2			,				T		1.9	4.6
E	1.0	4.4	2.7	2.5						<u> </u>		10.5	7.8
ESE	1.0	1.3	2.1	1.9	• 5							6.8	9.2
SE	. 4	• 8	• 2	• 8	. 4							2.7	9.0
SSE	• 1	. 4	.1	•6								1.2	8.7
S	1.	•1	• 2	• 2	i					1		. 7	7.8
SSW	• 1		.1	•1						1		. 4	8.3
SW	il .	1	• 2	• 6								. 8	12.1
wsw		• 2	• 2	. 4	•1	•1						1.1	12.8
W	.6	. 4	• 5	• 5	•1	•1						2.2	8 . 8
WNW		2.4	2.7	3.8	2.3	1.3	. 6	•1				13.2	13.9
NW	• 2	2.8	2.9	4.7	3.9	1.7						15.5	13.4
NNW	. 4	2.1	3.4	9.9	5.8	2.7	•1	.1	\Box	1		24.5	14.5
VARBL	1.2	1.8	. 4	<u> </u>			<u> </u>					3.4	4.4
CALM		$\supset <$	$\supset <$	$\supset <$		> <	$\supset <$	$\supset <$	$\supset <$	><		5.9	
	7.1	20.7	18.2	26.9	14.0	6.2	.7	.2				100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 826

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

081605	ZARAGOZA AB SP	73-81	JUL
STATION	STATION NAME	YEARS	MORTH
		ALL WEATHER	2100-2300
		CLASS	HOURS (L.S.T.)
		COMDITION	

SPEED (KN75) DIR,	1.3	4-6	7 - 10	17 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	49 - 55	≥56	*	MEAN WIND SPEED
N	• 2	• 1			• 1							. 5	7.3
NNE		• 1	• 1	}	1							• 2	7.5
NE	• 1				• 1							• 2	10.0
ENE		• 5	. 4									. 8	6.7
E	• 4	1.7	1.9	• 5						11		4.5	7.3
ESE	• 5	1.8	2.9	1.3	•1							6.7	8.2
SE	• 5	1.7	1.5	.4					<u> </u>			4.0	7.0
SSE	. 4	• 8	. 4	.4								1.9	6.8
5	• 7	. 4	•1						· · · · · ·			1.2	3.6
SSW	. 4	.7	1									1.2	4.7
sw	.4	1.5	. 4	•1	.1	•1						2.5	7.3
wsw	• 6	1.3	.7	• 2	•1	•1						3.2	7.1
w	• 5	2.3	1.8	2.2	1.2	•6					·····	8.6	10.9
WNW	• 9	2.4	4.4	5.9	2.8	1.2	• 1			1		17.7	12.2
NW	•6	1.5	5.9	10.4	6.2	1.9		•1				26.7	14.0
NNW	. 4	1.2	2.3	5.3	2.4	1.1	•1	<u> </u>	1			12.9	13.8
VARBL		• 5	-1									.6	5.6
CALM	$\supset <$	> <	$\supset <$	\sim	\supset	>	> <	> <	$\supset <$		> <	6.4	
	6.4	18.6	23.1	26.8	13.2	5.1	• 2	•1				100.0	10.6

TOTAL NUMBER OF OBSERVATIONS

824

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TELL WEATHER

ALL WEATHER

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SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 4	1.0	.7	• 5	. 3	.1	• 5					3.1	9.3
NNE	• 2	• 3	.1		• 0							. 7	4.5
NE	• ₹	• 5	.1		• 3							.9	4.4
ENE	• 3	1.3	• 5	• 0						1		2.2	5.4
E	• 7	3.1	2.8	1.1	•11							7.8	7.2
ESE	• 5	1.6	1.8	.8	.1	•0		!				4.8	7.8
SE	•2	• 7	• 5	. 4	•1							1.9	8.0
SSE	• 2	• 3	•1	•2			1					.7	6.4
5	• 3	•1	•1	•0								• 5	4.6
SSW	• 2	•1	•1	.0			T					.4	5.2
sw	•1	• 3	.1	•2	• 0	•0						.7	8.1
wsw	• 3	. 4	• 2	• 2	• 2	•1						1.2	9.2
w	•6	1.5	1.9	2.7	.7	• 2						7.8	10.4
WNW	. 4	2.7	5.4	5.6	2.1	1.2	• 2	•0				17.6	12.0
NW	• 5	2.7	5.0	9.2	4.1	1.2	•0	•0				22.0	13.1
NNW	. 4	1.8	3.3	7.5	3.4	1.1	• 2	•1	7			17.8	13.5
VARBL	1.1	1.9	.7	•1					1	i		3.8	5.0
CALM	$\supset <$	\times	\supset	> <	> <	\times		\times	\geq	$\geq \leq$		6.2	
	6.7	19.8	23.4	28.5	11.0	3.9	.4	.1				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

6547

USAFETAC FORM ARE OBSOLETE ALL 44 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

091605	ZARAGOZA AB SP	73-81	AUS
STATION	STATION NAME	YEARS	Boats
		ALL WEATHER	0000-0200
		CLA96	HOURS (L.S.T.)
		· - · - · · · · · · · · · · · · · · · ·	

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		• 5		• 2	-1							•8	9.4
NNE	• 1	• 2										. 4	4.7
NE		• 5										• 5	5.8
ENE	• 5	• 7	•1									1.1	4.6
E	• 5	4.1	2.5	• 5								7.7	6.4
ESE	- 8	2.5	3.7	. 8	• 1							8.1	7.2
SE	• 2	1.7	• 6	. 4	•1							3.0	6.4
SSE	• 2	• 5	.1	.1				Ĭ	{			1.0	5.3
5	• 5	• 2	• 2	.1								1.2	5.0
SSW	•1	• 1	1	.1								• •	7.3
sw	• 2	• 2										• 5	3.8
wsw	1.2	• 8	.6							1		2.5	4.7
w	1.1	2.4	3.0	4.4	3.0	1.6						15.5	12.7
WNW	• 4	3.7	3.8	7.2	3.4	1.0	• 1					20.4	12.7
NW	• 1	1.4	6.1	17.8	3.0	1.6	• 5					23.3	13.3
NNW	• 1	• 5	1.3	2.0	• 5	. 4	•1					4.9	12.7
VARBL	• 6	•2		.1	1							1.0	3.9
CALM	><	$\geq \leq$	><	><	$\geq <$	><	><	$\geq <$	$\supset <$		\times	7.7	
	6.7	27.4	22.2	26.9	10.2	5.3	• 5				r	100.0	10.1

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	44 - 55	≥56	*	MEAN WIND SPEED
N	. 4							1	1	1		. 4	2.3
NNE				1									
NE													
ENE		• 5	• 2									.7	7.0
£	1.2	3.3	• 5	• 2			I					5.2	5.0
ESE	•9	4.0	1.2	•1								6.2	5.5
SE	. 9	1.9	• 5		• 1							3.4	5.4
SSE	1.1	• 5					I					1.6	2.9
5	.9	• 5		•1								1.5	3.8
ssw	•2	• 1		• 2			I					.6	6.8
sw		• 4	•1	•1								.6	6.8
wsw	• 5	1.7	. 4	.6								3.2	6.6
w	1.1	4.6	5.1	6.3	1.6	•6	I					19.3	10.5
WNW	• 6	4.7	7.2	4.4	1.9	1.1						20.0	10.6
NW	. 4	3.2	7.7	7.7	4.0	• 5						23.4	11.7
NNW	.1	• 1	1.1	1.3		•1						2.8	11.3
VARBL	.4	. 4					I			1		.7	3.7
CALM	><	$\supset <$	$\supset <$	$\supset <$	> <	$\supset <$	$\geq \leq$		$\geq \leq$	$\supset <$	><	10.5	
	8.5	25.9	24.0	21.2	7.7	2.3						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

822

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION HAVE TEARS AUG

ALL WEATHER D600-0800 Hours (L8T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 1	• 1			İ							• 2	3.5
NNE	• 1									1		• 1	3.0
NE	• 5	• 5										1.3	3.8
ENE	• 5	• 6								i		1.1	3.3
E	1.0	2.9	• 6									4.4	4.7
ESE	1.6	2.9	1.1		•1							5.6	5.0
SE	• 2	1.3	.4									1.9	4.5
SSE	. 4	•1	1								·	. 5	2.8
5	.4	• 1	T	† -·								. 5	3.0
SSW	•1	• 2	T									.4	3.3
sw	.4	.7		. 4					t			1.4	6.2
wsw	1.2	• 7	• 1	.1								2.2	4.0
w	1.4	4.6	4.7	7.3	1.0	• 2				 		19.2	10.0
WNW	1.0	6.0	7.0	6.4	1.3	• 5		•1	-	1		22.2	9.9
NW	.7	3.6	7.1	7.5	1.7				·			20.6	10.4
NNW	•2	. 4	1.0	1.9	•2	•1			 			3.8	11.1
VARBL	•2	•1	1						<u> </u>			. 4	3.0
CALM	\times	\times	>>	\sim	> <	>>	> <	> <			> <	14.4	
	10.C	24.9	21.9	23.6	4.3	. 8		• 1				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

832

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

~915J5	ZAPAGOZA AB SP	73-81	AUG
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	0930-1100
		CLASS	HOURS (L.B.T.)
		COMPLITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	29 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	. 6	1.1	.7	. 4	.1	•1						3.0	7.4
NNE	•2		• 1							Ţ 		. 4	4.7
NE	•2	• 5										.7	3.3
ENE	1.1	1.2	• 6							1		2.9	4.6
E	1.3	5.7	5.4	• 5								12.9	6.3
ESE	.4	2.0	2.2	. 8					<u> </u>			5.4	7.4
SE	i	• 5	•6	•2						1		1.3	8.4
SSE	•1	• 2	• 4									.7	6.2
5	•1											• 1	3.0
SSW	-		• 1									.1	8.0
sw	.1		-									• 1	2.0
wsw	•1		1									.1	3.0
w	.1	1.2	1.3	2.2	• 2							5.1	10.5
WNW	• 2	2.2	3.7	6.4	1.9	2.0	• 1			1		16.6	13.4
NW	.5	3.5	7.1	6.6	2.6	.6	. 4					21.4	11.6
NNW	.7	4.5	5.2	7.3	2.8	.7		T				21.2	11.0
VARBL	3.2	. 8	• 2	<u> </u>						1		4.3	3.1
CALM	><	> <			> <	> <	$\supset <$		> <		> <	3.6	
	9.3	23.3	27.7	24.4	7.7	3.5	•5					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

831

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

81635	ZARAGOZA AB SP	73-81	AUG
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	1200-1400
		CLASS	HOURS (L.B.T.)
		COMPITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.7	3.4	1.6	• 5	•1	•1	•1					6.5	6.9
NNE	.7	1.1										1.8	3.5
NE	.7	1.2	•1	1				1	1			2.1	4.1
ENE	• 2	4.1	2.5	•2								7.2	6.5
E	.8	5.0	8.1	3.3								17.2	8.0
ESE	• 2	1.5	1.8	.6	.1							4.2	8.0
SE	• 1	• 2	•6	.4	•1		1					1.5	9.3
SSE	• 1											•1	2.0
S	• 1											• 1	3.0
\$5W													
sw													
wsw	• 1		• 1	•1									8.0
w	1	. 4	• 8	1.3		•1						2.7	11.0
WNW	• 7	1.5	2.3	2.3	1.8	2.2	.7					11.5	14.9
NW	.4	1.9	2.7	5.2	2.8	.6						13.6	12.4
NNW	.7	3.2	7.4	6.1	2.2	1.1	•2					20.8	11.4
VARBL	2.9	4.6	1.2	. 4	1							9.1	4.5
CALM		$\supset <$		$\supset <$		$\supset <$	$\supset <$	$\supset <$		$\supset <$	><	1.2	
	9.7	28.0	29.3	20.4	7.2	4.1	1.1					120.0	9.4

TOTAL NUMBER OF OBSERVATIONS

GLC9AL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

E 816 05 ZARAGOZA AB SP 73-81 AUG

STATION STATION NAME STATION NAME TEAMS

ALL WEATHER

COMMITTION

COMMITTION

COMMITTION

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	3.4	1.4	.7	•1							6.9	6.5
NNE	.8	.7										1.6	3.2
NE	. 4	1.4	. 4									2.2	4.9
ENE	• 6	4.3	1.1	.1								6.2	5.7
E	1.7	7.1	9.0	2.3	•2							20.4	7.6
ESÉ	• 2	1.2	3.4	1.4	• 2						 	6.5	9.1
SE	.1	1.1	.7	. 8								2.8	8.2
SSE		• 2	. 4	• 1								.7	9.0
S			•1									•1	8.0
SSW					• 1							• 1	18.0
sw	•1	• 1		•2	•1							.6	11.0
wsw			• 1									• 1	9.0
w		• 5	•1	1.0	. 5							2.1	12.8
WNW	•2	• 6	2.8	1.8	1.3	2.2	.7	•1				9.8	16.2
NW	•2	1.7	1.4	4.1	1.7	.6	•1					9.9	13.0
NNW	•2	3.4	6.2	5.4	4.3	2.7						22.2	13.1
VARBL	1.7	2.9	1.1	. 4					1	1		6.0	5.1
CALM		$\supset <$	$\supset \subset$	><	> <	>>	\boxtimes	$\supset \subset$	$\supset <$	$\supset <$	> <	1.9	
	7.6	28.7	28.2	18.5	8.7	5.4	•8	.1				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 829

GLOBAL CLIMATOLOGY BRANCH UCAFETAC ATO WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

061605	ZARAGOZA AB SP	73-81	Aus
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	1830-2000
		CLASS	HOURS (L.S.T.)
		CONDITION	-

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	. 4	1.0	1.1	• 2	• 2					!		2.9	7.9
NNE	. 4	• 1										5	2.3
NE	• 6	• 6	•1									1.3	3.7
ENE	1.3	1.9	•1	• 2								3.6	4.7
E	• €	4.5	2.9	1.6			i			1		10.1	7.0
ESE	• 7	2.3	3.4	2.9	• 2	.1						9.6	9.0
SE	. 4	1.4	1.6	1.8	• 2		i ——					5.4	9.5
SSE	• 5	• 6	.7	• 5	.1							2.4	8.0
S	• 1	1.1	•7	•2	• 2							2.4	6.3
SSW		• 4	• 1	•1								• 6	7.2
sw	• 2	• 1	• 1	•1	•1							.7	7.8
WSW	•1		• 2									. 4	6.7
w	• 2	• 5	. 8	1.2	• 5	•1	.1					3.5	11.9
WNW	• 5	1.4	2.9	2.5	1.3	2.0	• 5					11.2	14.1
NW	• 4	1.8	4.3	7.8	1.9	• 6						16.8	12.0
NNW	• 4	3.5	4.1	6.5	3.4	1.9						19.7	12.9
VARBL	1.0	• 6	•6	•1	1					i		2.3	5 - 1
CALM	$\supset <$	$\supset <$		$\supset <$	$\supset <$	$\supset <$	$\supset <$	><	$\triangleright <$			6.6	
	7.9	22.1	23.8	25.8	8.3	4.8	.6					100.0	9.7

TOTAL NUMBER OF DESERVATIONS 832

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

791635	ZARAGOZA AB SP	73-81		Aun
STATION	STATION HAME		YEARS	MONTH
		ALL WEATHER		2100-2300
		CIASS		HOURS (L S T)
	**************************************	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
- N	•1	.1	• 2									. 5	6.3
NNE	• 2	• 5	• 1									. 6	4.4
NE								}	Ţ	:			
ENE	• 2	• 2	• 6	• 1		T	1		1			1.2	7.1
E	• 1	4.1	2.2	1.1			1					7.5	7.1
ESE	. 4	2.9	4.1	2.0	•1							9.5	8.5
SE	. 4	2.4	1.0	. 4			1		1			4.1	6.3
SSE	1.7	•6	• 5				 		1			2.3	4.4
\$	• 5	1.7	• 2	•1		1	1	1	1			2.5	4.9
ssw	• 2	• 5	.1	•1		1		1	1			1.0	5 . 2
SW	. 5	1.2	.1				<u> </u>	i	1	-		1.9	4.2
wsw	. 4	2.€	.7	•1	.1	1		1	1	1		4.1	5.6
w	• 5	3.1	2.3	4.1	. 6	.7	1	1	!			11.3	10.8
WNW	. 4	5	4.4	5.3	3.1	1.4	•1		1	!		17.3	12.
NW		2.3	6.0	8.9	3.7	1.1			 			72.0	12.6
NNW		. 4	1.6	3.2	1.6	.6			1	!		7.3	14.1
VARBL	•4	• 5	.1		 	 	1	1	 	1		1.0	4.0
CALM	> <		> <	> <	>	$\geq \leq$	\geq	\geq	\geq		$\geq \leq$	6.2	
	5.3	25.5	24.3	25.5	9.3	3.8	.1					170.0	9.0

TOTAL NUMBER OF OBSERVATIONS 83

1

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	ZARAGOZA AB SP	73-81	AUG
HOLLY	STATION NAME	YEAR	MONTH
		ALL WEATHER	ALL
		CIVAR	ROVES (L.S.7.)
	 	COMPITION	

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 4	1.2	• 6	• 3	• 1	• 7	• 0					2.7	6.9
NNE	• 3	• 3	•0							1		.7	3.5
NE	• 3	•6	• 1						1			1.0	4.3
ENE	• 5	1.7	• 7	•1								3.0	5.6
E	• 9	4.6	3.9	1.2	• 0							10.7	7.0
ESE	• 5	2.4	2.6	1.1	• 1	• 3						6.9	7.6
SE	• 3	1.5	.7	• 5	• 1							2.9	7.3
358	, 4	• 3	• 3	.1	• 0							1.1	5.6
\$	• 3	• 5	•2	• 1	. 0							1.1	5.6
SSW	• 1	• 2	• 0	. 1	• 0							. 4	6.5
sw	• 2	• 3	• 1	• 1	• 0							• 7	6.0
wsw	• 5	. 8	• 3	• 1	• 0							1.6	5.5
w	• 6	2.2	2.3	3.5	• 9	• 4	• 0					9.8	11.0
WNW	• 5	2.8	4.3	4.5	5.0	1.7	.3	• 0				16.1	12.6
NW	• 3	2.4	5.3	7.3	2.7	. 7	1					18.9	12.1
MNW	• 3	2.7	3.5	4.2	1.9	.9						12.9	12.2
YARBL	1.3	1.3	. 4	.1	L					I		3.1	4.4
CALM		$\supset <$		$\geq <$	><	><	$\geq <$	$\geq <$	$\geq \leq$	><	><	6.5	
	8.0	24.9	25.2	23.3	7.9	3.8	•5	•0				100.5	9.3

TOTAL NUMBER OF OBSERVATIONS

6635

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

281605 73-81 ZARAGOZA AB SP SEP STATION NAME ALL WEATHER 0000-0200

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ \$6	•	MEAN WIND SPEED
N			•1							1		• 1	10.0
NNE		• 1	• 1								!	• 3	6.0
NE		• 5		1							ļ	• \$	4.5
ENE	. 5	. 4	• 1									1.0	4.3
E	1.3	4.1	2.1	• 3								7.8	5.7
ESE	1.4	4.9	2.5	.8							Ĭ	9.5	6.1
SE	•6	2.4	• 8								1	3.8	4.7
SSE	• 3	• 4										. 6	4.0
5	.8	• 1	. 4							1		1.3	4 - 1
SSW	• 5	. 4	• 3						Ţ ·		1	1.1	3.8
SW	• 3	1.0								i		1.3	4.4
wsw	1.4	2.4	• 6	1.1								5.5	6.5
w	• 9	3.0	2.9	4.6	2.9	3.1						17.4	13.5
WNW	1.3	3.5	4.4	5.8	1.0	• 6						16.5	10.4
NW	• 3	1.5	5.8	4.4	1.0	•1						13.0	10.5
NNW	• 1	• 5	• 5	1.0	.1							2.3	10.2
VARBL	• 5	• 1										• 6	2.4
CALM			$\supset <$		> <	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq <$	><	17.6	
	9.9	25.3	29.5	17.9	5.0	3.9						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

870

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLCBAL CLIMATOLOGY BRANCH USAFETAC AID **EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

191605	ZARAGOZA AB SP	73-81		SEP
STATION	STATION NAME		TEAMS	MONTH
		ALL WEATHER		0300-0500
		CIASS		HOURS (L.S.Y.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• ?											• 2	2.0
NNE	• 2		(• 2	3.0
NE	• 1											• 1	2.7
ENE	• 1	• 2	•1									.5	5.5
E		3.7	. 4									3.1	4 . 2
ESE	1.9	2.7	1.2	. 2			!					6.1	4.5
SE	1.9	1.7	.4	•1								4.1	4.2
SSE	•5	. 4										. 9	3.
5	1.2	• 6	• 2									2.1	3.6
SSW	• 5	.7	•1	• 1		• 1						1.6	6.1
sw	• 9	1.7	• 2	• 1								3.0	4.4
wsw	1.7	2.4	•6	1.1								5.1	6.
w	1.6	4.9	3.4	5.3	2.5	1.5						19.2	11.1
WNW	.7	4.2	6.6	3.0	• 5	1.1						16.2	9.5
NW	• 5	3.4	4.2	4.0	.6	•1		i				12.9	9.3
NNW	• ?	•6	•6	• 5								2.0	7.9
VARSL	.6	• 5			1							1.1	3.3
CALM	$\supset <$	$\supset \subset$	> <		> <	$\supset <$	$\supset <$		$\supset <$	$\supset <$	> <	18.5	
	14.4	27.9	18.2	14.6	3.6	2.9						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FLOM HOURLY OBSERVATIONS)

JR1595	ZARAGOZA AB SP	73-81	SEP
STATION	STATION MARE	TEAMS	MTHOM
		EATHER	0600-0800
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	, 11 - 16	17 - 21	22 · 27	26 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 4		•1					<u> </u>				• 5	4.0
NNE	1							1			<u> </u>	• 1	2.7
NE			1		!							li .	
ENE	?	1	1								1	. 4	3.0
E	2.1	2.4	. 4								1	4.9	3.9
ESE	1.9	2.4	1.0	• 1							i	5.4	4.7
SE	1.0	. 9	. 4	• 2								2.5	5.2
SSE	1.0	• 6		1			ļ — — —	1	1			1.6	3.3
S	.7	• 1		•1	•1							1.1	5 • 2
SSW	.7	• 2	•1		•1							1.2	5.3
sw	.6	. 7	1									1.4	3.5
wsw	1.5	1.4	. 6	.7	•1		J					4.4	6.3
w	2.4	5.5	4.4	6.6	1.6	• **						21.0	9.8
WNW	1.0	5.7	4.2	3.0	. 9	. 4	•1					14.6	9.2
NW	• 5	3.4	4.5	2.0	• 5	•6	•1					11.6	9.6
NNW	. 4	.7	1.1	• 6	• 1	•1						3.1	9.2
VARBL	•6	• 2	†		ļ				1			. 9	2.9
CALM		$\supset <$	> <	> <		$\supset <$	$\supset <$		$\supset <$	$\supset <$		25.4	
	15.2	23.7	16.8	13.4	3.5	1.7	• 2					100.3	5.9

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AL FEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ZARAGOZA AB SP CF1505 73-81 3900-1100 HOURS (L.S.T.) ALL WEATHER

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 0	• 8		• 1						-		1.8	4.2
NNE	.4			i						! "		. 4	2.7
NE	. 1	• 3										. 4	3.7
ENE	1.1	1.4	•1									2.6	3.6
E	2.1	6.9	3.9	•1						1		13.0	5.5
ESE	1.0	1.8	3.0	1.8								7.5	7.9
SE	• 3	. 8	• 9	• 3								2.1	7.0
SSE	. 3											- 3	2.5
\$	• 1	• 1										• 3	3.5
\$5W												l .	
SW				• 1								• 1	12.0
wsw		• 3		•1									7.7
w	. 4	2.1	1.6	4.4	2.3	• 5	• 3					11.5	13.1
WNW	- 4	1.6	4.3	3.3	5.0	1.1	•1					12.8	12.5
NW	. 9	2.6	5.4	4.4	2.8	• 6	• 3	•1				17.0	11.6
NNW	1.8	4.6	3.4	3.5	1.8	1.0		•1				16.1	10.2
VARBL	2.9	1.0	• 3		i							3.3	3.2
CALM		$\geq <$	$\supset <$		$\geq <$	$\supset <$	$\supset <$			$\supset <$	> <	10.5	
	11.6	24.2	22.8	18.0	8.8	3.3	.6	.3				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

GLCBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

58160 5	ZARAGOZA AB SP	73-81		SEP
STATION	STATION NAME		TEARS	MONTH
		ALL WEATHER		1200-1400
		CLASS		HOURS (L S.T.)
		COMBITION		

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.0	1.5	•6	. 4	• 2							3.7	6.3
NNE	• 6	•6		• 1								1.4	4.1
NE	• 5	.7	• 2									1.5	4.1
ENE	• 9	3 • 5	1.1	• 2						!		5.7	5.5
3	1.4	4.7	7.7	1.7								14.8	7.4
ESE	• 1	1.4	3.0	1.6	.1					i		6.2	9.1
SE	• 2	. 4	•2	•1	•1				1			1.1	8.1
SSE	•1	1.	.1	1					1			. 4	5.3
5		• 1							1	1		• 1	6.0
SSW		• 1										• 1	6.0
SW		• ?	• 2									•5	7.0
wsw		• 2	• 2	• 1	.1							.7	10.0
w	• 2	1.2	.9	2.4	1.0	. 4	• 1					6.2	12.9
WNW	• 6	2.9	2.1	3.2	2.1	1.7	•1					12.8	12.9
NW	.7	2.7	3.6	2.7	1.1	1.2	• 5				··········	12.7	11.6
NNW	1.0	2.4	4.6	6.2	2.4	.7	- 5					17.8	12.1
VARBL	3.5	4.7	. 9	•2	•1							9.5	4.6
CALM	$\supset <$	\times	> <	><	> <	> <	\times	\times	> <	><	\times	4.5	
	11.0	27.7	24.9	19.2	7.4	4.1	1.2					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

802

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AI® #EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

191605	ZARAGOZA AB SP	73-81	SEP
STATION	STATION NAME	TEARS	MONTH.
		ALL WEATHER	1500-1700
		CSARS	HOURS (L.S.T.)
		СОЯВТЕННЯ	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	.1	1.7	.9	. 9	• 5	• 2					!	4.3	10.1
NNE	• •	• 7		· · · · · · · · · · · · · · · · · · ·						•	i	1.5	3.3
NE	. 9	. 9								1		1.7	3.4
ENE	.9	4.1	1.4	.1			,			1		6.5	5.3
ŧ	1.7	3.2	5.0	1.1								16.0	6.3
ESE	. 4	2.1	3.1	1.2	. 4	. 4				i		7.6	9.0
SE	• 1	•6	.9	.7	•1	• 2		,				7 2.7	10.1
SSE	• 2	• 1	•1	.1	<u> </u>							.6	6.0
\$	• 1	• 1	• 1	.1						1		• 5	7.3
SSW			1		•1						1	• 1	23.0
SW	1	• 1					• 1					• 2	17.0
WSW	1	• 1	• 5	.5	.1							1.2	10.7
w	• 2	1.1	1.7	1.9	. 9	• 1						6.0	11.3
WNW	• 2	1 2	2.4	3.7	2.3	1.2	•6			1		11.4	14.5
NW	.5	1.9	2.7	2.7	.6	.6	.5					9.7	11.7
NNW	.5	2.7	3.9	5.2	2.7	.7	• 5		1			15.5	12.9
VARSL	3.4	4.2	1.6	.1	• 1							9.4	4.7
CALM	\sim	$\supset <$	$\supset <$		$\supset <$	><				$\supset <$	><	4.8	
	10.2	29.3	24.2	18.5	7.6	3.6	1.7	{				120.0	9.0

TOTAL NUMBER OF OBSERVATIONS

805

GLSBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TATION STATION AND STATION NAME STATION NAME ALL WEATHER 1830~2000 NOVER (LST.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ \$6	*	MEAN WIND SPEED
N	1.5	• 6	.6	7	•1	.1	 					3.7	7.3
NNE	•1	• 1	.1	1								. 4	5.0
NE		•1					!					• 1	4.0
ENE	• 9	• 6	•1									1.6	3.5
E	2.3	5.1	1.2						!		-	8.4	4.8
ESE	12	3.7	3.7	1.2	. 4					:		9.6	7.7
SE	.7	3.1	1.5	.9	• 5					1	j	6.7	7.5
SSE	. 7	1.0	• 5	•1		•1						2.5	6.2
5	.7	1.1	• 4	•1						1		2.4	4.5
ssw	. 4	• 2	i						ļ — — — —	1		. 6	3.0
sw	• 2	1.1	. 4	.2	• 2							2.2	7.7
wsw	• 6	2.5	. 4	• 2						1		3.7	5.2
w	• 6	2.6	3.1	2.0	1.0	. 4	•1		1		·	9.9	10.0
WNW	.7	1.6	2.1	1.7	1.0	1.0	• 2		1			8.5	12.0
NW	1.1	3.6	3.5	3.6	1.4	•7	• 2	.1		1	!	14.3	10.9
NNW	•5	2.6	3.2	2.6	2.2						1	111.2	10.6
VARBL	•1	• 2								1			4.3
CALM	><	$\supset \subset$		$\supset <$	> <	> <		><		$\supset <$	> <	13.7	
	12.3	29.4	20.9	13.6	6.9	2.4	. 6	.1				100.0	7.4

TOTAL NUMBER OF OSSERVATIONS

802

GLORAL CLIMATOLOGY BRANCH USAFETAC ATA WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

081505	ZARAGOZA AB SP	73-81	550
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	2100-2300
		ELA96	NOURS (1.S.T.)
		COMPITION	

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N			• 1									• 1	10.0
NNE	.1											• 1	2.0
NE	i												
ENE	•2	• 5		•1								• 9	5.6
E	5.7	3.2	1.4	.6								7.2	5.6
ESE	1.0	3.5	5.0	• 5	•1					i		10.1	6.9
SE	• 2	1.5	. 9		• 2							3.0	7.8
SSE	1.1	1.0	. 4									2.5	4.1
S	1.0	1.1	•1	•1	• 2							2.5	5.8
SSW	. 4	1.1	• 7									2.2	5.3
SW	1.0	3.2	. 4	.1	.1							4.8	4.9
wsw	1.5	4.8	. 9	.7								8.0	5.7
w	1.2	5.1	2.9	2.5	4.2	1.2						17.1	11.5
WNW	• 5	4.3	3.7	2.9	1.1	.6	•1					13.3	10.0
NW	•1	1.7	3.9	5.7	1.2	• 5					1	13.2	11.8
NNW	. 4	•6	.7	1.4	• 2							3.4	9.8
VARBL	• 2	•1			 _				1	i		. 4	2.7
CALM	><	$\supset <$		><	> <	> <	\times	><	$\supset <$	><		11.2	
	11.1	31.7	21.0	15.0	7.6	2.4	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

GLOPAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SEP STATION STATION AND STATION NAME ALL MEATHER SALL MEATHER ALL MOUNT IN STATION NOUND IN S.T.)

	12.7	27.4	21.2	16.3	6.3	3.0	. 6	.0				00.0	7.
CALM		> <	><	><	> <	><	><	> <	><		><	13.3	
VARBL	1.4	1.4	• 3	• 0	• 0							3.2	4.
NNW	.6	1.5	2.3	2.6	1.2	• 3	.1	•0			1	8.9	11.
NW	.6	2.6	4.2	3.7	1.2	.6	• 2	.0				13.1	10.
WNW	.7	3.1	3.7	3.3	1.3	1.0	• 2		T			13.3	11.
w	1.0	3.2	2.6	3.7	2.5	1.0	.1					13.5	11.
wsw	.7	1.8	• 5	. 6	• 0			1				3.6	6.
sw	. 4	1.7	• 2	.1	• 0		• 3					1.7	5.
SSW	• 3	. 4	• 2	. 0	• 0	.0						. 9	5.
5	•6	. 4	• 2	• 1	• 0					1	i	1.3	4.
SSE	• 5	• 5	•1	• 0		.3						1.2	
SE	• 6	1.4	.7	• 3	• 1	-						3.3	6.
ESE	1.1	2.	2.8	. 9	•1	• 7				i !		7.7	7.
E	1.8	4.8	2.7	. 5							1	9.8	5.
ENE	• 6	1.4	.4	• 1				,			1	2.4	4.
NE	• 2	• 3	• **							1		• 5	3.
NNE	.3	• 2	• 17	. 0			1					• 5	3.
N	•5	. 6	• 3	• 3	•1	• ^						1.3	7.
SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	46 - 55	≥ 56	•	MEAN WIND SPEED

TOTAL NUMBER OF OBSERVATIONS

6420

Storal Climatology Branch Coffetac Als Jeather Service/Mac

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TEAMS	MOMTH
L WEATHER	0000-0200
CLASS .	HOURS (L.S.T.)
	L WEATHER

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	44 - 55	≥ 56	*	MEAN WIND SPEED
N	. 4	,								!		. 4	2.0
NNE		• !										• 1	4.0
NE													Ĭ.
ENE	. 4	• 6	• 5									1.5	5.2
E	1.2	4.7	2.2	.7								8.1	6.2
ESE	1.1	2.1	1.8	1.2								6.2	6.9
SE	1.2	1.0	.6		•1					<u> </u>		2.9	5.0
SSE	1.1	1.2	• 5	• 2								3.0	5.0
5	1.2	.7	•1	. 4								2.4	4.9
SSW	.6	• 6			• 1							1.3	4.9
SW	.7	. 8	•6	•2		•1			· · · · · ·			2.5	6.1
WSW	1.1	1.0	• 5	•1						1		3.4	5.0
w	1.9	5.3	4.2	2.8	2.9	1.6						18.3	10.5
WNW	. 4	3.1	3.9	4.1	1.1	.7	•1			1		13.4	10.8
NW	.6	2.1	4.2	6.9	2.5	•2				1		16.6	11.7
NNW		•1	.6	1.2	•1							2.1	11.6
VARGE	.4									1		.4	2.0
CALM	> <	$\supset <$	> <		> <	> <	$\supset <$			$\supset <$	><	16.7	
	12.2	23.7	19.7	17.9	6.9	2.7	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH USAFETAC AID HEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

081505	ZARAGOZA AB SP	73-81	OCT
STATION	STATION NAME	TEARS	MONTH
		ALL WEATHER	03 00-0500
		CLASS	HOURS (L.S.T.)

	10.8	28.3	17.6	16.0	4,5	2.7	<u>.</u>					100.0	6.
CALM												19.8	1
VARBL	•1							i				• 1	3.
NNW	•2	e 5	• 5	. 8	. 4	•2						1 2.7	11.
NW	• 5	2.1	4.9	6.1	1.2	•2		ļ — — —				14.9	11.
WNW	•6	4.2	4.9	4.5	. 8	1.0	• 2					16.3	10.
W	1.5	4.5	3.2	2.5	2.1	1.2	•1					15.3	10.
WSW	.8	1.7	•2	•2			······································	i				3.0	5.
SW	. 8	• 2	• 5						<u> </u>	1		1.6	4.
SSW	. 4	• 2	•1									.7	4.
\$.7	1.0	·	.6					i			2.3	6.
SSE	1.3	1.2	•1									2.7	3.
SE	. 8	2.2	•2	•1					<u> </u>	i		3.4	4.1
ESE	. 8	4.4	1.6	.6								7.4	5.
E	1.6	4.4	1.5	• 5						1		7.9	5.
ENE		1.2										1.2	5.
NE	• 2	. 4	1							,		• 6	4.
NNE		• 1								•		•1	4.1
N	• 2											• 2	2.
SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥ 56	0 0 1	WINE SPEEC

TOTAL NUMBER OF OBSERVATIONS

SLIBAL CLIMATOLOGY BRANCH LIAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

121575	ZARAGOZA AB SP	73-81		OCT
STATION	STATION HAME		YEARS	BORTE
		ALL WEATHER		0609-3800
		CLASS.		HOURS (L.S.T.)
		COMPITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	¥ **	MEAN WIND SPEED
N	 	• 7		• 1			<u> </u>					. 4	7.0
NNE	i.	i						,				<u> </u>	
NE	[. 4										• 4	4.7
ENE	ij	1.7										1.7	5.1
E	1.6	4.7	1.7	. 4			1			i		7.6	5.6
ESE	.8	3.7	2.4	• 2					T			7.3	6.1
SE	1.8	2.2	. 4	. 4		i			T			4.7	4.7
SSE	1.6	1.7	• 2	ļ ———					1			2.8	3.5
S	. 8	• 5	• 2						†			1.6	4.1
SSW	• 5			• 1				1				• 6	4.0
SW	.6	• 2	. 4	• 1	.1							1.5	7.1
wsw	• 5	1.3	. 4	• 6	• 1				1			2.9	6.7
w	• 5	5.2	3.7	2.9	1.7	1.2	. 4					16.0	10.7
WNW	. 4	4.7	6.2	2.9	1.0	1.1	. 4	<u> </u>				16.6	10.5
NW	.8	1.9	3.6	6.2	1.6	i	• 2		1			14.6	11.4
NNW	.4	• 5	• 2	.7	• 2			i	1			2.1	9.4
VARBL		• 1										• 1	4.0
CALM		$\supset <$	><	$\supset <$	$\supset <$		$\supset <$		$\supset <$	$\supset <$	> <	20-1	
	10.6	27.0	19.5	14.6	5.0	2.3	1.0					120.0	7.0

TOTAL NUMBER OF OBSERVATIONS 827

GLCBAL CLIMATOLOGY BRANCH USAFETAC

ATP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	• 5	•5	• 6	•1		• 1						1.8	7.0
NNE	, 5	• 2										• 7	2.8
NE	• 2	• 2										• 5	3.3
ENE	. 7	1.2	• 4									2 • 3	5.1
E	1.1	7.5	4.1	. 4					!			13.0	6.2
ESE	1.2	2.4	2.5	2.0	• 5					1		8.7	8.3
SE	• 5	.7	• 5	• 2	•1					i		2.0	6.9
SSE	. 4	1	• 2		1					1		• 6	5.3
S	. 4	• 1										• 5	2.8
SSW		• 1								1		• 1	5.7
SW		• 1		•1								• 2	9.5
wsw		• 1	• 2	.6								1.0	10.5
w	.6	1.2	1.4	2.5	1.1	• 6	• 6	[1			8.1	13.2
WNW	. 4	1.8	3.4	2.9	1.7	1.6	• 9	• 2				12.8	14.3
NW	. 4	1.3	7.7	7.8	3.9	1.2						22.3	12.6
NNW	.7	1.7	2.3	3.0	1.7	• 8				1		9.5	12.4
VARBL	.8	• 2		†						!		1.1	2.5
CALM	><	><	> <	$\supset <$	$\overline{}$	> <	><	> <	$\supset <$	$\supset <$	> <	14.9	
	9.3	18.8	23.3	19.7	8.9	4.3	1.4	• 2				120.0	9.0

TOTAL NUMBER OF OBSERVATIONS

831

GLORAL CLIMATOLOGY BRANCH L'AFETAC Al- WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

61305	ZARAGOZA AB SP	73-81	ост					
STATION	STATION NAME	YEARS	MONTH					
		ALL WEATHER						
		CLASS	HOURS (L.S.T.)					
		COMPLITION						

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	8.	1.7	1.0	. 8	• ?							4 . 8	7.5
NNE	• 1	• 2	!		i		1			1		. 4	3.7
NE	• 2	• 2		!								#5	3.0
ENE		2.3	.6	1			!					7.5	5.5
E	1.1	4.4	5.9	3.1	.7				1	!		15.3	8.6
ESE	. 4	1.1	3.1	4.0	.7	• 2						9.5	10.8
SE	• 2	• 2	. 4	• 2			:		1	1	·	1.1	7.4
SSE	!			•1						i		.1	11.7
5			•2							!		• 2	9.7
SSW	•!			1					<u> </u>		!	• 1	3.0
SW		• ?	. 4		1		1					.6	8.4
wsw		• 1	. 8	.7		• 5						2.2	13.8
w	• 2	• 7	1.3	1.6	.6	1.1	. 4	• 1				6.1	14.7
WNW	• 5	1.9	1.5	2.4	1.9	1.2	1.3					10.7	15.1
NW	. 4	1.9	3.1	3.9	2.9	1.7	• 5				1	14.4	14.0
NNW	• 5	3.7	3.9	7.6	5.0	2.4	• 5			1	i	72.9	13.9
VARBL	1.6	2.2	.4	.1	1		I				i	4.2	4.6
CALM	$\geq \leq$	$\geq \leq$	\geq	$\geq <$	\geq	$\geq \leq$	\geq	$\geq \leq$	\geq	\geq		4.3	
	6.2	20.6	22.6	24.7	12.0	7.1	2.7	• 1				100.0	11.3

ENDITAVESED TO SERVIN LATOT

826

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ZARAGOZA AB SP 73-81 061605 1500-1700

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	2.3	1.2	1.3	• 2				i	1		6.2	7.7
NNE .	.1	• 5										. 6	4 . 2
NE	• 5	1.1						L				1.6	4.1
ENE	• 5	1.4	•2									2.2	4 . 3
	1.4	4.5	5.4	3.3	• 5	• 5						15.7	8.8
ESE	.6	1.8	2.9	2.2	• 1	• 5				1		8.1	9.7
SE	• ?	1.2	1.1	1.1	• 1					1		3.7	8.8
SSE	. 4	• 2	•1									· 7	4.0
s	i	• 5	• 1	1								• 6	4.8
SSW		• !	•1									• 2	8.0
sw	•1	• 2	. 4	.1			i					. 8	7.4
wsw	• 2	. 4	1.1	1.2	•1	. 4						3.4	11.9
w	• 2	. 4	1.0	1.0	• 7	• ?	• 5		1			4.D	14.7
WNW	.4	1.3	1.1	2.4	1.4	1.7	1.4	.1				9.9	16.7
NW	. 4	1.9	2.7	4.0	2.7	2.1	• 5	I				14.1	14.3
NNW		2.9	4.7	7.9	2.8	2.8	• 5					21.5	13.8
VARBL	1.0	1.0	. 8									2.9	4.9
CALM				><	><	><			$\geq \leq$		><	3.9	
	7.1	21.9	22.9	24.4	8.7	8.1	2.9	•1				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

61635 ZARAGOZA AB SP 73-81 OCT ALL WEATHER 1800-2000

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	. •	MEAN WIND SPEED
N	• 2	• 5	•2	• 1	.1							1.2	7.4
NNE	• ?			1				1	I		!	• 2	2.0
NE	.1	,											2.5
ENE	. 4	• 5	i									1.0	3.6
E	1.0	2.5	1.6	1.4	.6	. 4				<u> </u>	1	7.5	9.1
ESE	. 8	4.4	1.7	1.7	• 5	• 5	-				1	9.6	8.6
SE	1.6	2.5	•6	•6						1	i	5.3	5.3
SSE	∜ • 7	.8	• 2			1			1	T		1.8	4.1
5	• 3	1.7	• 2	• 1					1	1	1	2.9	4.9
SSW	• 5	1.7				.1						1.6	5.9
SW	.4	1.3	.4	• 5	•1					1		2.6	6.8
WSW	.4	2.9	•6	. 4	• 2							4.4	6.5
w	1.2	3.7	1.0	2.2	1.1	. 8	• 5	!				10.5	10.8
WNW	• 6	3.5	3.4	2.0	1.2	1.3	. 8	• 1	T	1		13.3	12.4
NW	.6	2.3	5.0	6.0	2.3	1.6			1			18.3	12.2
NNW	.7	1.3	2.2	3.4	1.7	. 4		<u> </u>	1			9.5	11.5
VARBL	<u> </u>	•1	•2							i		.4	6.3
CALM		$\supset <$					><			$\supset <$	><	10.1	
	19.2	29.7	17.3	18.4	7.8	5.0	1.3	.1				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

SLOBAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ZARAGOZA AB SP 73-81 2100-2300 ALL WEATHER

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N		• 1										• 1	6.0
NNE													
NE										•			
ENE	• ?	• 5	• 1							•		• 5	4.4
E	.7	2.5	1.9	1.1	. 4							6.6	8.1
ESE	.6	2.9	1.9	2.2	• 2							7.8	8.5
SE	2.0	1.8	.4	. 4					1	1		4.6	4.6
SSE	1.0	1.7		•1				:	1	T		2.3	3.8
5	• 2	• 6	• 2					!				1.3	4.9
SSW	.7	• 7	• 5					1				1.9	4.8
SW	1.3	1.4	. 4	• 2			i	1				3.4	4.9
wsw	1.1	4 • 1	.7	• 6				i				6.5	5.7
w	. 4	5.2	2.8	3.4	2.4	1.7	• 1		1			15.8	11.6
WNW	.8	3.5	6.6	3.5	1.7	.6	. 4	•1				17.2	10.7
NW	.7	1.4	4.4	7.7	2.3	• 2			<u> </u>	,		16.8	12.7
NNW	• 2	• 2	. 4	1.2	• 1							2.2	10.5
VARBL	• !	• 2						<u> </u>	1	1	\ <u></u> -	. 4	3.3
CALM				><	> <	\times	><	> <		$\supset \subset$	\geq	12.6	
	10.2	26.4	20.3	20.3	7.1	2.5	. 5	.1				170.0	8.1

TOTAL NUMBER OF OBSERVATIONS

833

GLIBAL CLIMATOLOGY BRANCH USAFETAC

ATT REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

5656.5	JARAGOZA AB SP	73-81	oct
STATION	STATION NAME	YEARS	BONTH
		ALL WEATHER	ALL
		CLASS	HOUSE (L S T)
		COMBITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
	. 4	• 7	. 4	• 3	•1	• 7	1					1.9	7.1
NNE	• 1	?	1	1								• 3	3.0
NE	• ?	• 3	1	1				1	i			• 5	3.8
ENE	3	1.1	• 2	1					1	-		1.6	5.
E	1.2	4.2	3.0	1.4	• 3	.1			†			10.2	7.1
ESE	. 4	2.9	2.2	1.8	• 3	• ?		 	1			8.1	8 .
SE	1.1	1.5	.5	. 4	• C	<u> </u>	,	•	1	!		3.5	5.0
SSE	• 8	•7	• 2	.1		 		 	 	 		1.7	4.
s	• 5	. 7	• 2	.1			1	<u> </u>		:		1.5	5.1
ssw	.3	• 3	•1	•0	•0	.5		1	1	<u> </u>		. 8	5.1
SW	• 5	• 6	. 4	• 2	• 3	• 2	1	1				1.7	6.
wsw	• 5	1.6	.6	.6	.1	•1		1		·		3.4	7.
w	• 9	3.3	2.3	2.4	1.6	1.1	. 3	.0				11.8	11.
WNW	. 5	3.0	3.8	3.1	1.3	1.1	.7	•1	1	+		13.7	12.
NW	• 5	1.0	4.5	5.1	2.4	. 9	• 2					16.5	12.
NNW	• 3	1.2	1.8	3.2	1.5	. 8	•1					9.1	13.
VARSL	• 5	- 5	• 2	• 0	i	 	 	 	1			1.2	4.
CALM					> <		\geq	>	>	\geq	>	12.8	
	9.5	24.5	27.4	19.5	7.6	4.3	1.3	• 1				100.0	8.

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH

SURFACE WINDS

USAFETAC AIH WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

081605	ZARAGOZA AB SP	73-81	NO	٧		
STATION	PEAN POITATE	YEARS	wor	MAN		
		ALL WEATHER		0 000-0200		
		MOURS ((L.S.T.)			
		CONDITION	· · · · · · · · · · · · · · · · · · ·			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	• 1	1						• 1		1		• 2	20.0
NNE											1		
NE		. 4	.1									• 5	6.3
ENE	. 5	• 5								1		1.0	3.5
E	1.9	1.0	. 4							!	i	4 - 1	3.9
ESE	1.6	1.9	• 2								ı	3.7	3.7
SE		2.5	• 2									3.6	4.3
SSE	1.1	1.0	•2									2.4	3.6
s	2.0	• 9		.1		•1					!	3.1	4.0
SSW	1.4	• 2									1	1.6	2.8
SW	1.5	. 9	.1					<u> </u>		†		2.5	3.4
wsw	1.7	1.4	.9	• 2	•1					ļ -		4.4	5.6
w	1.7	3.2	3.2	4.5	1.6	1.0	• 2			†		15.6	11.2
WNW	• 5	4.4	5.6	3.5	1.2	1.6		•1				17.0	11.3
NW	. 9	1.6	2.9	4.7	4.4	1.4	. 4			1	i	16.2	13.9
NNW	.1	.5	. 5	• 2	.7	• 5		• 2				2.9	15.8
VARBL	•1									 		•1	3.7
CALM		$\supset <$	> <	><	><	> <	> <	><	$\supset <$		><	21.0	
	16.1	21.2	14.5	13.4	6.1	4.6	• 6	. 5				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 801

GLOBAL CLIMATOLOGY BRANCH USAFETAC

AT- WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

051505	ZARAGOZA AB SP	73-81	NOV
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	7300-2500
		CLASS	HOURS (L S.Y.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	• 3)								!	3	2.5
NNE		•1		i								•1	4.0
NE		• 6										• 6	4.8
ENE	• 4	• 6	1									1.0	4.1
E	1.7	3.7	. 4	:		_						4.4	4.2
ESE	1.1	2.1										3.3	3.8
SE	•6	. 9	• 3	i							· · · · · · · · ·	1.8	4.4
SSE	1.3	1.5	• 1									2.9	3.9
S	1.5	• 5										2.0	2.7
SSW	. 8								<u> </u>			. 8	2.0
SW	• 4							i	T			. 4	2.0
WSW	1.6	1.1	.6	• 3					1			3.6	4.9
w	1.9	2.5	3.0	4.6	1.4	1.0			1			14.4	10.9
WNW	• 6	3.6	5.5	4.3	1.3	1.3	• 6					17.2	11.6
NW	. 9	2.5	1.5	6.1	4.0	1.3	. 4			i		16.7	13.8
NNW	• 4	. 4	. 4	. 8	1.3	• 3	• 1		•			3.5	14.2
VARBL	.4	• 1										•5	2.8
CALM	><				> <	><	> <	$\overline{}$	> <	><	>	25.7	
	13.0	19.7	11.8	16.0	7.9	3.8	1.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

798

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

781605	ZARAGOZA AB SP	73-81	NOV
STATION	STATION MAME	YEARS	MONTH
		ALL WEATHER	2699-3899
		CLASS	HOURS (L.S.Y.)
		CONDITION	·

SPEED (KNTS) DIR.	1 . 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	F .	MEAN WIND SPEED
N	• 3	.1					1					. 4	3.3
NNE	:											•	
NE	. 1	1.0		1								1.1	4.1
ENE		• 3	• 3							-		.5	6.0
E	1.6	1.6	• 3						-			3.5	3.7
ESE	• 9	2.7	• 5	•1								3.5	5.2
SE	• 6	1.6	•1	•1			 					7 2.5	4.5
SSE	1.5	• 5	• 1	!								2 . 3	3.4
5	8.	• 8		1					1			1.5	3.4
SSW	.6		• 1				-					• 8	3.3
sw	•8	• 3	.1	.1	•1							1.4	5.5
wsw	. 8	. 8	• 1	• 3								1.9	5.3
w	1.5	3.5	3.3	4.6	2.1	.6	. 1					15.8	10.6
WNW	. 9	3.8	5.6	3.8	1.9	1.5	• 1			!		17.5	11.4
NW	. 8	1.4	3.3	5.3	3.1	1.5	. 3		1			15.5	13.6
NNW	•5	1.0	8.	1.0	• 3	• 5						4.0	11.0
VARBL	•1											• 1	3.0
CALM		><	><	><	><	><	><	><	$\supset <$	><	> <	27.7	
	11.7	18.7	14.5	15.3	7.5	9.1	• 5					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

798

GLIBAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

191635	ZARAGOZA AB SP	73-81	NOV
STATION	STATION NAME	YEARS	MONTE
		ALL WEATHER	0977-1107
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16 1	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	•6	• 4	• 2	• 1								1.4	5.2
NNE	.1		!	i								• 1	2.
NE	• 1	• 5										. 7	4 .
ENE	• 5	.7	. 4	•1								1.7	5.0
E	1.9	3.7	1.5	•1		i						6.7	4.
ESE	2.0	1.6	.9	. 4								4.9	5.
SE	1.1	•6	1.0	.1			i					2.9	5.1
SSE	. 4	• 1	<u> </u>									• 5	2.1
5	• 2	• ?	ļ — — —									• 5	3.1
SSW	1		•1							i	·	• 1	10.3
SW	.2				1	.1		i				. 4	9.
WSW	• 1	.4	• 2	•1	• 2	• 2						1.4	12.
W	.6	3. ⊓	1.1	3.6	1.6	•1	• 2					10.4	11.4
WNW	1.2	2.5	2.2	5.1	3.9	1.1	• 5	• 1				16.7	13.4
NW	1.1	2.5	4.0	5.5	4.5	2.1	<u> </u>					19.7	13.
NNW	.5	1.1	1.0	1.5	2.0	1.5	•1					7.7	14.
VARBL	• 2			 								• 2	2.
CALM	$\supset <$		><		$\supset <$			> <		$\supset \subset$	><	23.8	
	11.1	17.6	12.2	16.7	12.2	5.2	.9	• 1				173.0	8.

TOTAL NUMBER OF OBSERVATIONS 821

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

78:57 5	ZARAGOZA AB SP	73-81		NOV
STATION	STATION NAME		TEARS	-
		ALL WEATHER		1200-1400
		CLASS		HOURS (L.S.T.)

	9.9	19.2	14.1	14.8	16.5	9.4	2.6	.1				170.0	13.6
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	13.3	
VARBL	1.1	• 3	.1									1.5	3.2
NNW	• 9	3.1	1.8	3.1	5.0	3 • 0	1.4					18.3	15.6
NW	• 8	2.5	2.1	4.5	5.5	3.6	• 1					19.2	15.
WNW	• 5	1.8	2.4	2.0	3.9	1.8	1.0	.1				13.4	15.
w	. 4	2.0	1.3	1.9	1.3	•5	•1		Ţ			7.4	11.
wsw	• 1		•1	• 5	• 1	. 4						1.3	15.0
SW		.1	.1	•1				[. 4	9.
SSW			• 1					1				• 1	10.
S		1	• 1	• 3				1				. 4	12.
SSE		• 1										• 1	4 . !
SE	- 4	• 5	• 1	1			i					1.1	5.0
ESE	1.5	2.3	1.9	. 4								6.3	5.
ę	1.8	4.4	2.8	• 8								9.7	6.
ENE	. 8	1.1	• 3	, 4	}						1	2.5	5 • 9
NE	• 5	.1	. 3	• 3								1.1	5.
NNE	• 5											• 5	2.
N	• 9	. 9	.6	• 5	• 6	_ •1						3.5	9.
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	.	WIND

TOTAL NUMBER OF OBSERVATIONS 796

GLEBAL CLIMATOLOGY BRANCH USAFETAC AIT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

091605	ZARAGOZA AB SP	73-81	NOV
BYATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	1500-1700
		CLASS	HOURS (L.S.T.)
		KOITIŪNOS	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	•6	• 6	• 6		• 7	• 1			!	+		2.7	9.4
NNE		• 1	:	<u> </u>	 					•	-	•1	6.0
NE	• 2	• 7	. 4			i		1		T	-	1.4	5.4
ENE	1.2	2.1	• 2		· ·		·					3.6	4 . 2
E	2.9	3.5	1.9	• 5	• 1				<u> </u>	<u> </u>		8.8	5.5
ESE	1.5	2.5	1.2	. 9	1			1		• • • •		6.1	6.2
SE	•?	1.7	1.7	• 5					1	i		2.7	7.5
SSE		.7	<u> </u>				!	:	1	1		. 7	5.2
5	i	• 1	• 2	•1	<u> </u>		!	1				• 5	9.7
SSW		• !	•1	.1		•1						. 5	11.5
SW	<u> </u>	i	• 1	•1		1			<u> </u>	<u> </u>		• 2	10.5
wsw		• 1	•1	. 4	.1			·		·		. 7	12.3
w	.9	1.4	2.0	1.5		•1	. 4					6.2	9.6
WNW	• 9	2.4	1.2	3.5	2.6	2.1	. 9	• 1	1	†		13.7	14.8
NW	1.4	3.2	3.4	4.1	5.1	3.7	.6			·		21.5	14.5
NNW	1.6	1.5	2.9	4.4	3.5	3.0	1.5	1		1		18.3	15.3
VARBL	.7	• 4	1					 		i		1.1	3.1
CALM	><	> <			> <	> <	> <		$\supset \subset$	><	> <	10.8	İ
	12.2	20.5	15.4	16.1	12.2	9.2	3.4	.1		1		100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 803

USAFETAC FORM (0-8-5 (OL-A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLEBAL CLIMATOLOGY BRANCH USAFETAC

ATE WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

P 15.25 CAPAGOZA AB SP 73-81 NOV

STATION LARK STATION HARE STATION HARE ALL WEATHER 1803-2000

CLASS MOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 2	• 1			• 1		• ?					.7	14.2
NNE													
NE	. 1	• 2	• 1									• 5	5.0
ENE	•1	• 9	• 2									1.2	4.8
E	2.5	2.7	. 1	• 1							•	4.2	3.7
ESE	1.1	1.2	• 7	1								3.2	5 • 2
SE	1.0	2.0	. 4	. 4	- 1							3.9	5.6
SSE	•6	•7	•1									1.5	4 - 1
S	• 9	1.1										2.0	3.4
SSW	• 6	. 9	• 2								•	1.7	4.7
sw	• 9	1.7	.7	• 1								3.5	5.0
wsw	1.7	4.4	. 9	• 5								6.7	5.3
w	1.7	5.2	3.2	3.0	• 5	• 2	. 1		<u></u>			13.3	8.7
WNW	• 5	2.2	3.0	4.9	3.1	2.1	• 2					16.8	13.5
NW	• 6	1.9	3.1	4.1	4.1	3,4	. 4				1	17.6	15.3
NNW	•6	•1	• 2	2.5	1.4	.9	. 6	• 2		:	:	6.6	17.2
VARBL										1			!
CALM		><	$\supset <$	><	><	> <	><		$\supset <$	><	><	16.3	
	11.3	24.8	14.1	15.7	9.4	6.5	1.6	• 2				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 672

GLOBAL CLIMATOLOGY BRANCH USAFETAC

ATT MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TO 16 25 CARAGOZA AB SP 73-81 NOV ROPTH STATION HAME STATION HAME ALL WEATHER 2130-2302 CLANS HOUSE (LS.T.)

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	. 1	. 4	:					•1				• 5	10.6
NNE	it.	i	-										
NE	ų	• ?										• 2	4.5
ENE	• 2	1.7	• 1	• 1								1.5	5.6
E	1.0	1.7	.7	i								3.5	4.6
ESE	1.1	1.6	• 2							l		3.0	4.1
SE	• 5	• 9	• ?	.1							1	1.7	5.0
SSE	. 6	. 3	• 1									1.6	3.6
S	• 5	• 2		1							1	. 9	3.1
SSW	.7	. 4		1	. 1							1.2	4.4
SW	1.7	1.2	• 2	•2	• 1							3.5	5.0
wsw	2.1	3.4	1.0	<u> </u>								6.5	4.3
w	1.6	4.3	3.6	4.6	1.1	•6	• 4					16.3	10.0
WNW	.7	2.6	4.5	5.3	3.2	1.2	• 2	• 1				18.0	12.6
NW	• 5	.7	2.2	8.1	2.2	1.9	1.1					16.9	15.2
NNW	• 1	. 4	• 5	.7	1.2	• 7	• 1	• 1				4.3	16.6
VARBL	• 2	• 1	l									-4	3 . 3
CALM		$\supset <$		><		> <	><	><		><	><	20.1	
	12.2	20.1	13.5	19.3	8.1	4.5	1.9	. 4				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

805

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

S15:5 ZARAGOZA AB SP 73-81 NOV

STATION STATION MADE STATION MADE NONTH

ALL WEATHER ALL

CLASS NOURS (LBT)

	12.2	20.2	13.8	15.9	10.2	5.9	1.6	• 2				100.3	8.5
CALM	$\geq <$	$\geq \leq$		><	$\geq \leq$	><	><	><	$\geq \leq$		$\geq \leq$	20.0	
VARBL	. 4	• 1	• 0									• 5	3.
NNW	• 6	1.	1.0	1.8	1.9	1.3	• 5	• 1				8.2	15.
NW	. 9	2.7	2.9	5.3	4.1	2.4	. 4					17.9	14.
WNW	• 7	2.9	3.9	4.0	2.6	1.6	• 5	• 1]		16.3	12.
w	1.2	3.2	2.6	3.5	1.2	• 5	• 2					12.4	10.
wsw	.9	1.4	• 5	. 3	.1	• 1			1	!		3.3	6.
sw	.7	• 5	• 2	• 1	• ?	•0						1.5	5.
SSW	• 5.	• 2	• 1	• 0	.0	•0				1			4.
s	.7	• 5	.0	• 1		• ~		1		•		1.4	4.
SSE	.7	.7	•1							:		1.5	3.
SE	.7	1.2	.4	• 2	.0				1	1		2.5	5.
ESE	1.4	1.9	.7	• 2						·		4.2	5.
E	1.7	2.7	. 9	• 2	. 0							5.6	4.
ENE	. 5	. 9	.2	• 1		ļ				!		1.5	4.
NE	• 1	. 5	• 1	• 17								. 9	5.
NNE	• 1											- 1	2.
N	• 4	• 3	• ?	•1	• 5	• 7	•	. 0				1.2	9.
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEA WIN SPEE

TOTAL NUMBER OF OBSERVATIONS 6404

USAFETAC FORM RN 64 0-8-5 (OL+A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOSAL CLIMATOLOGY BRANCH LIAMETAC ATT REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

791575	ZARAGOZA AB SP	73-81	DEC
STATION	STATION NAME	YEARS	MORTH
		ALL WEATHER	0020-0200
		CLASS	HOURS (L.S.T.)
		COMPITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10] 	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	. •	MEAN WIND SPEED
N	• ?	. 4	•1									.7	4.7
NNE	•1	i			!						•	• 1	2.0
NE	·	. 7	• ?	•1		,		1				1.1	7.3
ENE	•1	1.0	1.2	• ?	!					1	•	2.5	7.6
E	1.7	2.9	1.8	•1	,	l	1				!	6.5	5.5
ESE	• 5	3.4	1.4	. 4	• 1			<u> </u>			•	5.8	6.3
SE	.7	1.9	.7	i	• 1			 				1.5	5.4
SSE	1.0	1.7	•1						<u> </u>			2. ?	3.5
S	• 5		!	+	1	1			<u> </u>	•	•	1.2	3.7
SSW	• 1	• 4	• 2	• 2	,			1	1		•	1.0	7.9
sw	• 6	• 5	. 4	• 5	. 4		t	!	<u> </u>	 	!	2.4	8.9
wsw	• 5	1.1	.5	1.7	.7	• ?			+		•	4.7	11.1
w	1.7	2.5	4.5	7.0	2.8	.5		• 1	·		•	16.4	11.9
WNW	1.1	3.6	8.2	4.8	1.4	• 2	• 1	.1				19.6	10.1
NW	• 4	2.5	2.9	5.1	2.7	1.6	• 1		·			15.2	13.1
NNW		. "	.2	1.0	.6	.7	• 2	• 2	 	1	!	3.4	18.7
VARBL	• 5	• 5	1		• 1					1	•	1.1	5.3
CALM	\geq	\geq	\times	><	\times	> <	\times	\times	\times	\times		10.7	
	9.9	23.5	22.5	21.1	8.9	3.4	. 5	.5				170.7	9.0

SURFACE WINDS

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIM WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-81 0300-0500

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	4	. 4						1		,		. 7	3.5
NNE		• ?						1				• 1	4.7
NE	•	. 5	. 4	1							ı	1.7	6.6
ENE	• ?	• 5	. 8	• 5					I			2 • 1	8 • 2
ŧ	. 7	4.4	2.5	• 2								7.9	6.0
ESE	1.0	3.2	1.6	• 5							i	6.2	6.2
SE	1.1	1.3	•?	• 2	.1					,		3.3	5.2
SSE	. 6	• 6		• 1								1.3	4.6
\$.8	• 5	• 2							1	F	1.5	3.9
SSW	• 2	• 5	• 2								!	1.1	5.6
SW		• ?	• 2	. 4								. 8	9.7
WSW	.1	1.1	1.0	• 6	. 8	. 4					1	4.0	11.7
W		2.9	3.9	4.4	2.3	1.3		• 1				14.4	12.9
WNW	.7	5.3	8.0	4.5	1.6	1.2	• 1	• 2				21.7	13.6
NW	.8	2.1	3.3	4.0	3.6	1.0	•1			1		14.9	12.7
NNW	• 2	. 4	• 2	• 2	.7	. 4	. 4	.1				2.7	17.0
VARBL	•1	. 4		•2					1		1	.7	6.8
CALM		> <	> <	\times	> <	\times	\geq	\geq	\geq	\geq	\geq	15.7	
	7.2	24.5	22.2	15.9	9.2	4.2	. 6	.5				120.0	6.6

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH USAFETAC

ATT REATHER SERVICE/MAC PERCENTAGE FREQUENCY C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

COMPITION

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	. *	MEAN WIND SPEED
N	• 3	• 1		-	. 1							• 5	7 • C
NNE				i									!
NE		. 4	• 2	1								• 6	6.4
ENE		• 5	. 8	• 2						!		1.6	7.9
E	1.2	3.6	2.8	.7	• 1					i		8.5	6.7
ESE	.7	1.1	1.3	•8	.1					:	1	4.1	7.9
SE	•6	1.5	• 6	1						1		3.7	4.9
SSE	• ?	• 5										. 8	4 • 1
5	•7	• 4	. 1		i							1.2	3.7
55W	• •			•1	•1							.7	7.0
sw	• 7	. 4	• 1	. 4	• 1	.4						2.1	10.0
wsw	1.3	1.7	. 8	1.2	• 5	.4						5.2	9.7
w	1.5	3.0	3.9	4.2	1.3	1.1	• 1	•1				16.1	10.7
WNW	1.1	3.5	7.6	5.8	1.9	1.6	• 2	• 2				22.3	11.4
NW	1.2	1.7	2.9	4.5	2.2	1.2						13.7	12.3
NNW	• 2	.5	• 6	.7	.6	.6	• 2					3.5	14.7
VARBL	• 2	. 4			,							.6	3.4
CALM	><	$\supset <$	><	$\supset <$	><	$\supset <$			><	$\supset <$	><	15.7	
	10.5	19.7	21.9	18.8	7.1	5.2	•6	. 4				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

826

GLOBAL CLIMATOLOGY BRANCH US4FETAC AIF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

081505	ZARAGOZA AB SP	73-81	DEC
BTATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	0900-1100
	•	CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 . 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	•?			• 1		• ?						• 6	13.0
NNE	• 1	• 1										• 2	3.0
NE		• ?	• 6	!								• 8	8.0
ENE	• 2	• 6	•7	.6	• 2							2.4	9.0
E	1.3	3.7	2.4	.6	• 1							8.2	6.3
ESE	1.2	3.3	. 8	1.0	• 2			!				6.5	7.3
SE	. 4	• 5	. 4	• 2								1.4	6.5
SSE	• 5	• 2										. 7	2.8
S	. 4	• 5		•1						i		1.1	4.9
ssw	. 4	• 2	•1	•1					i		·	. 8	5.7
sw	•1	• 7	• 1	1.0	• 2				Ī —			2.2	10.4
wsw	•1	. 4	• 6	1.0	• 1	• 4	. 4					2.9	14.2
w	• 6	2.5	3.6	4.3	2.4	1.9	• 2		1		1	15.7	13.0
WNW	1.1	3.1	3.7	4.2	1.7	1.0		.1				15.0	11.3
NW	1.1	2.4	3.4	5.4	3.7	2.1	• 1					18.2	13.3
NNW	• 5	• 6	•1	1.0	1.1	1.4	• 1					4.8	16.0
VARBL		<u> </u>											1
CALM	><	\geq	\geq	><	\geq	\geq	\geq	\geq	\geq	\geq	\geq	18.2	
	9.2	19.3	16.7	19.7	9.9	7.0	. 8	• 1				100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 828

GLEBAL CLIMATOLOGY BRANCH USAFETAC ATT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CE14 35	JARAGOZA AB SP	73-81	DEC
STATION	STATION NAME	TEARS	MONTH
		ALL WEATHER	1200-1400
		CLA96	NOURE (L.S.T.)
		COMPITION	

	7.2	17.0	18.2	19.3	12.7	11.4	2.8	.5	•1			170.0	11.4
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	10.7	
VARN	.7	1										• 8	2.
NNW	1.0	1.4	1.0	3.6	3.6	3.1	. 8	. 4	• 1			15.1	16.
NW	• 7	2.7	3.9	5.4	3.6	3.7	.7	•1				20.9	14.
WNW	. 4	1.7	3.3	2.3	2.1	1.2	. 4					11.2	13.
w	.4	1.3	1.9	4.0	1.8	2.1	. 6					12.1	15.
WSW	• 1	• 1	• 5	. 8	.6	1.0	• 2					3.4	17.
sw		1	•1	• 2	. 4							• 7	14.
SSW			•1	. 4	.1	•1						-7	16.
5	1	• 1	•1			T				1		• 2	6.
SSE	• ?	.6						,	1			. 8	3.
SE	• 1	• 1	•2		•1					1		• 6	8.6
ESE	.5	2.8	1.0	1.0	•1	ļ	·					5.3	7.
E	1.9	4.1	4.3	1.3		 	1	·				11.7	6.1
ENE	.5	. 8	1.2	.1				<u> </u>		1		2.7	6.6
NE	.2	- 4	•6	•1		 						1.3	6.
NNE	•1	 			 	 						• 1	2.1
N	.4	. 7	 		• 2	.1						1.4	7.0
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED

TOTAL NUMBER OF OBSERVATIONS

828

USAFETAC AND 10-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATD WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

0 = 1 A U 5	ZARAGOZA AB SP	73-81	YEARS	DEC
STATION	BYATION NAME	ALL WEATHER	TB4 F3	1500-1700
		CLASS		HOURS (L.S T.)

SPEED (KNYS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	. *	MEAN WIND SPEED
N	. 4	• 6			• 1		• 1					1.2	7.9
NNE	• 2	• 2		!								• 5	3. D
NE		• 6	. 4									1.0	6.5
ENE	. 4	2.4	. 8	• 2								3.9	5.9
E	1.2	5.3	2.4	• 5	•1							9.5	6.1
ESE	1.0		1.9	1.1	•1						1	6.9	7.0
SE	1.0	1.1	. 4	• 2		• 1				!		2.8	6.1
SSE	• 1	•1										. 2	3.0
3		• !				•1				,		• 2	15.0
SSW	1	• 7	• 2	• 2	• 1					1		. 8	10.6
sw	• 1	• 1	•1	1.0		•1						1.4	12.4
wsw	• ?	• 5	• 5	.8	• 5	• 6	• 1					3 - 3	14.2
W	. 5	2.1	2.8	2.8	1.8	2.5	, 4					12.8	14.1
WNW	1.3	1.2	2.2	3.0	2.4	• 5	. 5					11.1	12.8
NW	1.7	3.4	3.7	6.4	5.2	2.5	. 4	•1			i	22.7	14.3
NNW	• 5	1.2	1.7	3.5	3.6	2.7	• B	•1				14.1	16.5
VARBL	. 4	•1										• 5	2.8
CALM		><	$\supset <$			><	$\geq \leq$	><		><		7.0	
	8.2	22.1	17.1	19.8	14.0	9.2	2.3	• 2				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS

SLOBAL CLIMATOLOGY BRANCH USAFETAC ALR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

161675	ZARAGOZA AB SP	73-81	DEC
STATION	STATION NAME	TEARS	BORTA
		ALL WEATHER	1900-2000
		CLASS	HOURS (L.S.T.)
		COMPITION	

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	• 1		 		.1			•1		 		. 4	18.7
NNE	:	. 4	:	,		,	<u> </u>	,		:	1	. 4	5 . 3
NE	• 1	• 5	. 4	ı								1.0	6.6
ENE	. 5	1.2	• 6	•1			i					2.8	5 . 6
E	1.6	3.4	2.1	• 1								7.1	5.4
ESE	. 8	2.3	2.2	. 4	• 1					i		5 • 8	6.7
SE	1.2	1.8	• 5	•1	•1							3.7	5.5
SSE	• 1	• 2										. 4	3.7
S	. 1	• 3	. 1									1.1	5.0
\$5W	• 4	• lŧ		• 2	• 2				·			1.2	8.4
SW	• 6	• 1	. 8	• 5	. 4							2.4	9.1
wsw	1.2	2.5	1.3	1.3	- 8	1.0	. 1					8.3	10.6
W	1.1	5 • 2	3.9	4.6	2.1	1.3	• 1					18.2	10.8
WNW	. 8	4 • 1	4.5	5.3	1.9	• 8						17.5	10.9
NW	• 2	1.2	3.0	4.6	4.2	2.4	• 5			I		16.3	15.4
NNW	.4	• 1	. 4	1.2	1.2	1.2	. 1					4.6	16.8
VARBL	• 5				1					Ĺ		. 5	2.0
CALM					$\geq <$		$\geq <$	$\geq <$				8.3	
	9.9	24.3	19.9	18.5	11.2	6.8	1.0	•1				1000	9.7

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

£160 5	ZAPAGOZA AB SP	73-81	DEC
BOITATE	STATION HAME	YEARS	BONTH
		ALL WEATHER	2100-2300
		CLASS	HOURS (L S T.)
		CONDITION	

	9.6	22.3	19.5	20.6	9.6	5.5	1.1	• 5			()	ם.פרו	9.
CALM	><		> <	>	> <	> <	> <		> <	> <	> <	11.3	
VARBL	• 5	•5		• 1								1.1	4.
WMM	.6	. 4	.4	.7	1.2	. 4	•1			1		3.7	13.
NW	• 5	1.4	2.5	5.3	3.2	1.7	•1	.1	1			14.9	14.
WNW	•6	3.5	6.9	5.4	2.8	• 8	• 2	.1	1			20.5	11.
w	1.1	4.1	3.6	4.8	1.2	1.7	• 5	•1	!			17.1	11.
wsw	.7	1.3	.7	1.8	.6	•5				1		5.7	10.
SW	•5	• 6	.1	.6	• 2		1		1	1		2.0	8.
SSW	• 1	• 1	1.	• 2	•1							.7	10.
S	-8	. 4	i	• 1				!	,			1.3	3.
SSE	.4	3								1		1.2	4.
SE	1.0	• 6	. 4	.1	•1	• 1	i					2.3	7.
ESE	. 8	2.5	1.6	• 5	• 1							5.5	6.
E	1.5	3.5	1.9	• 5			!		ļ — —	1		7.8	5.
ENE	• ?	1.1	•8	• 2			!					2.4	6.
NE	·	• 5	. 4	•1								1.1	7.
NNE	•	• 1	•1				!	•1		·		. 4	17.
		• 5				.4	•1					1.7	16.
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEA WIN SPEE

TOTAL NUMBER OF OBSERVATIONS

831

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

-4

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIF REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

341605	ZAPAGOZA AB SP	73-81	DEC
STATION	STATION Name	YEARS	MONTH
		ALL WEATHER	ALL
		CLASS	HOURS (L.S.T.)
		COMPUTOR	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	44 - 55	≥ 56	*	MEAN WIND SPEED
N	• -	• 3	• 7	• 3	•1	• 1	. 7	.0				. 8	9.3
NNE	• •	•1	• 7					• 5				• 2	6.3
NE		• 5	. 4							*		1.0	6.9
ENE	• 3	1.0	.9	• 3	• 7						•~	2.5	7.0
E	1.4	3.9	2.5	• 5	.0	1 .				!	!	8.4	6.1
ESE	• 8	2.7	1.5	.7	• 1				1			5.8	6.8
SE	. 8	1.1	. 4	• 1	• 1	• *			!			2.5	5.8
SSE	. 4	• 5	• *	•0								1.0	3.6
5	. 4	. 5	.1	•0		• ?			i			1.7	4.5
55W	• 2	• 2	.1	• 2	• 1	• 2					!	. 9	8.6
SW	• 3	• 3	• 3	.6	• 2	• 1						1.8	10.2
wsw	.5	1.7	. 7	1.2	.6	• 5	• 1			1		4.7	11.9
W	8.	3.1	3.4	4.5	2.5	1.6	• 2	• 1				15.6	12.4
WNW	.0	3 . 3	5.5	4.4	2.0	. 9	• 2	• 1				17.3	11.3
NW	.7	2.2	3.2	5.1	3.6	2.0	• 3	•0	1		!	17.1	13.5
NNW	. 4	.6	.6	1.5	1.6	1.3	. 4	• 1	• 7			6.5	16.4
VARBL	• 4	• 2		•0	. 0					İ	i	• 7	4.2
CALM	><	$\supset \subset$	><		$\supset <$	$\supset <$	$\supset <$	><		><		12.2	
	8.7	21.6	19.8	19.2	10.3	6.6	1.2	.3	.0			130.0	9.6

EMOITAVESES OF DESERVATIONS

4423

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLICAL CLIMATOLOGY BRANCH UCAFETAC AID MEATHER SERVICE/MAC

SURFACE WINDS PERCENTAGE FREQUENCY OF WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

361635	ZARAGOZA AB SP	73-81	ALL
BOITATE	STATION NAME	YEARS	HONTH
		ALL REATHER	ALL _
		CLASS	HOURS (L.S.T.)
		CONNECTOR	

SPEED (KNTS) DIR,	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 3	.6	• 4	. 3	• 1	• 1	•:	• 0	<u> </u>	·		1.9	8.7
NNE	• ?	• 2	• .	• 0	• 🗅		:	•0				.4	4.1
NE	• 2	. 4	• 1	• C	• 3						i	.7	5.0
ENE	. 4	1.0	. 4	• 1	• 13	• Ú						1.9	5.7
E	1.2	3.2	2.2	• 8	• 1	• 0						7.5	6.6
ESE	. 8	2.2	1.8	1.0	• 1	• 0	• 11					6.0	7.4
SE	• 5	1.2	• 6	• 3	• 1	• ີ	• "					2 . 8	6.6
SSE	• 5	• 5	•1	• 1	• 7	• 0				1		1.1	4.7
5	• 4	• 4	• 1	.1	• 1	. 3	• 0				i	1.0	4.9
SSW	• 3	• 2	• 1	.1	• ^	1.				i		.7	6.4
sw	• 3	• 5	• 2	• 2	• 1	• 0	• 1	• 0				1.5	7.8
WSW	. 7	1.4	.6	• 6	• 2	• 2	•0	•0				3.7	8.2
w	1.3	7.4	2.7	3.3	1.4	. 8	• 1	•0	L			12.0	11.1
WNW	.7	3.7	4.4	4.1	1.9	1.2	• 3	• 0	• 0			15.6	11.9
NW	• 6	2.2	4.1	5.4	3.4	1.4	• 2	• 0	•0	• 0	Ĺ	18.5	13.2
NNW	• 5	1.4	2.0	3.3	2.2	1.2	• 3	. 1	• 17			13.8	14.0
VARBL	1.5	• 3	• 3	• 0	• 0							2.2	4.3
CALM		><	> <	><	><	><	><	><	$\geq <$		><	11.6	
	9.6	22.0	20.3	20.7	9.6	5.0	1.1	• 2	.0	•0		100.0	9.2

TOTAL NUMBER OF OBSERVATIONS

77525

USAFETAC 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLEBAL CLIMATOLOGY BRANCH USAFETAS

AIS WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND

SURFACE WINDS

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

FA 15 DE LARAGOZA AB SP 73-81 INSTRUMENT CIG 230 TO 1400 FT W/ VSBY 1/2 MI OR MOPE,

AND/OR VSEY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	•	. 4	• 1	•0						i		• 6	4.6
NNE .	• 1	• 1										• 2	3.3
NE	• 3	• 7	• 3	• [7								1.3	4.9
ENE	1.3	Z.5	.8	• 2						!		4.7	4.9
E	4.4	9.2	3.6	• 5	• 1							17.9	5 • 3
ESE	2.5	5.5	3.3	1.5	. 1							12.9	6 • 3
SE	1.3	Z • 0	1.7	• 2								4.5	5.2
SSE	1.1	• 7	• 2									1 2 · 3	3.6
5	• 8	• 5	- 1	• 0								1.4	3.6
SSW	• 3	• 5	• 11	• 0								• 5	3.9
sw	• 3	• 3										• 6	3.4
wsw	• 4	• 3	• 2	• 1								1.0	5 . 8
w	1.2	1.9	1.2	• 7	• 1	•1						5.2	6.9
WNW	1.3	2.8	1.3	• 7	. 1	• 1		-0				6.3	6.6
NW	1.6	2.2	2.0	1.2	. 4	•1	• 1					7.5	7.9
NNW	• 7	1.2	. 4	. 6	• 2	•1	• 0					3.2	7.9
VARBL	.7	• 2			1							• 9	2.9
CALM	$\geq \leq$	$\geq \leq$	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	29.2	
	18.4	30.7	14.5	5.7	1.1	. 4	.1	•0				130.0	4.2

TOTAL NUMBER OF OBSERVATIONS 3474

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By month all years and all hours combined
- 3. By month by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Mavy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING							VIS	BILITY (SI	ATUTE MI	LESI						
(FEET)	≥ 10	26	≥ 5	≥4	≥ \$	≥ 2 1/4	≥ 2	≥ 1 ½	21%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING	><				~					\leq					<u></u>	
≥ 1600 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100					95.4		96.9			98,3						100.0

- #KAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0. For instance, from the table: Ceiling ≥ 1500 feet = 92.6#. Ceiling ≥ 500 feet = 98.1#.
- EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table: Visibility ≥ 3 miles ≈ 95.%. Visibility ≥ 2 miles ≈ 96.9%. Visibility ≥ 1 mile ≈ 98.3%.
- EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%.

ADDITIONAL EXAMPLES

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, aubtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of \geq 1500 feet with \geq 3 miles, subtracted from 97.4 read from the table at the intersection of \geq 500 feet with \geq 1 mile is equal to 6.45. Thus; 6.4 percent of the observations meet the criteria: "ceiling \geq 500 feet with visibility > 1 mile, but < 3 miles; or ceiling \geq 500 feet, but < 1500 feet with visibility \geq 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

TE FAC CLIMATOLOGY BRANCH (12FETAT) ATT REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							viS	BILITY ST	ATUTE MIL	ES						
fEE:	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥?	≥1:	≥1,	ا≤	≥.	≥ ,	2	≥5 16	٤.	20
NO CEILING										7				L		
≥ 18000				· · · · · · · · · · · · · · · · · · ·		,				:						-
≥ 14000 ≥ 12000		·										·				
≥ 10000 ≥ 9000										i					•	
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			74.7	77.7	78 P	79.3	79.6	67.6	20 0	21.1	31.1	81.7		51.4	51 11	<u> </u>
≥ 4500 ± 4000			74.3		79.2	79.7		91.0	51.7 82.9	31.5	81.5	81.6		81.7	81.7	£2.4
≥ 3500 ≥ 3000			75.2	79.7	8 . 9	91.5	82.3	93.3	83.5	33.9	83.9	94.0			84.2	_
2500 2000			77.7	31.5		83.3		85.0	35.3		85.7	85.6 86.8	85.8	85.9	€5.9	°6.6
2 1800 2 1500			77.3		83.7	84.4		86.2	86.4		66.9 87.7		87.1	97.2		\$7.5
± 1200 ≥ 1000			79.7	83.9		85.9	86.8				88.6	98.7		89.1	,	
. 900 2 800			70.6	84.3	85.6 85.7	P6.3	87.3	88.3		89.2		89.4		90.2		
≥ 700 ≥ 600			7°.6	34.3	°5.8	86.6	37.7	89.3	89.5	93.1	97.1	0.02	7~.9	91.1	91.1	91.9
: 500 2 400			77.6	84.4	85.9		87.8		39.6	9 .2	90.2		91.0		91.3	92.1
2 300 2 200	·		77.6	84.5	86.1		88.7		89.9	90.5	90.5		91.5	91.6	91.9	93.2
K	·		79.6		85.1		88.	89.2	89.9	9:.5	97.5	93.7	91.5	91.8	91.9	94.5

II MIMBER OF ORCERVATIONS 7

USAF ETAC (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLORAL CLIMATCLOGY BRANCH OF FETAC

Al- AEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CENTAG							VIS	ilBility ST	اه ع⊺ن14	. F 5						_
FEET :	\$ 10	≥6	≥ 5	≥ 4	≥ 3	≥2.	2.7	≥:	≥1.	≥1	2.4	≥ .	2	. ≥5 '6	· 2.	≥ ¢
NC CEUNO 20000							·				-			·	•	
≥ 18000 > 16000			*					,						·	†	
≥ 14000 ≥ 12000		 _	•			,										 -
≥ 19000 ≥ 9000			 						-			i				
2 8000 2 7000													L	:	• • i	
2 6000 2 5000			71.5	74	75.7	76 6	76 0	77 (77 7	77.0	76	70 (• • •			
≥ 450C ≥ 400C			71.4 71.5	74.4	76.0	76.9	77.3	77.8	78.1 78.9	76.2	78.4	72.6	76.9	79.2	79.1	7 ^
2 3500 2 3000			72.4	75.9 77.0	77.e	78.7	79.1	79.9	87.2	5C.3		81.0	ā1.2	91.5	F1.7	
2 7500 2 2000			73.4	77.7	79.8	90.8	81.2	82.1	82.3	91.8 52.5 83.2	82.7	83.1	83.4			:5.
2 800 2 1500			74.1		8 .7	81.7	82.1	83.7	83.2 84.7	83.4	83.6	84.0			84.7	£5.9
2 200 2 1000			74.9 75.7	79.2	81.6	82.7	83.1	94.0	84.4	34.5 25.3	- 1	85.4	:5.8	86.	35.E	
900 2 800			75.7	79.9	82.7	83.9	84.4	85.2	85.9	86.4 86.4	86.3	86.9	57.3		87.5	89.
2 700 2 600			75.7 75.7	79.9	82.7	83.9	84.5		86.3 85.3 86.6	36.4	86.8 86.8	87.4 87.4	87.8	88-1	89.4	99.
: 500 ≥ 400			75.7 75.7	79.9	82.7		24.7	85.9	86.6 87.0	86.8	87.1 87.6			88.7	89.7	95.2
300 2 200			75.8	80.1	82.8 83.1	84.1	85.1 85.4	86.5		87.6 88.0	88.4	89.0		97.3	97.5	93.2
. JC 2 0			75.9	8 . 3			85.4	86.8	87.6	88.5	88.4	89.4	93.3	91.3	91.7 91.8	95.

TOTAL NUMBER OF OBSERVATIONS

793

USAF ETAC 100 64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DESOLUTE

GLIBAL CLIMATOLOGY PRANCH $U \cap J \cap \subseteq T \cap C$ ATT REATHER SERVICEZMAC

CEILING VERSUS VISIBILITY

14.

ARAGOZA AB SP PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

73-81

VISIBILITY STATUTE MILES ≥ 5 ≥1 | ≥ . | ≥ . . ≥ . , ≥ 5 16 | ≥ . > 10 ≥ه ≥2: ≥ 2 ≥11: ž€ NO CEILING ≥ 18000 ≥ 6000 ≥ 14000 ≥ 12000 210000 2000 ≥ 8000 ≥ 7000 72.2 73.8 74.7 75.2 75.7 75.7 75.8 75.9 76.6 76.8 77.1 ? 4500 2 4000 77.5 72.9 74.6 75.4 75.9 76.4 76.4 76.6 76.7 77.3 77.6 77.8 77.9 4 .5 71.1 73.7 75.6 76.4 76.9 77.4 77.4 77.5 77.7 78.3 78.6 78.8 78.8 81.5 2 3500 2 3000 71.4 74.2 76.1 76.9 77.4 77.9 77.9 78.1 78.2 78.8 79.1 79.3 79.3 82.7 71.9 74.6 76.7 77.6 78.1 78.9 78.9 79.1 79.2 79.8 8 3 60.3 80.7 83.2 71.9 75.1 77.1 77.9 78.4 79.3 79.3 79.4 79.5 82.2 85.4 52.7 85.7 85.7 83.5 72.9 76.1 78.2 79.1 79.6 50.5 30.5 30.7 80.8 31.4 81.7 82.0 82.7 84.9 72.8 76.1 78.2 79.1 79.6 90.5 30.5 90.7 80.8 91.4 81.7 82.0 82.2 82.2 85.2 73.2 76.4 73.6 79.4 79.9 85.7 80.8 80.9 81.5 81.8 82.2 82.2 82.2 85.2 73.2 76.4 73.6 79.4 79.9 85.9 60.9 81.5 81.8 82.7 82.4 82.4 82.4 85.4 73.2 76.7 78.8 79.7 80.2 81.2 81.2 81.3 61.4 92.7 82.4 82.4 82.4 85.4 73.2 77.4 8.2 81.2 81.5 82.5 82.5 82.5 82.8 83.4 83.7 84.0 84.0 84.7 87.2 74.2 77.7 80.4 81.3 81.8 82.8 82.9 83.0 93.7 83.9 84.3 84.3 84.3 87.3 74.2 77.7 80.4 81.3 81.8 82.8 82.9 83.2 63.3 83.9 84.2 84.5 84.5 97.5 74.2 77.7 80.4 81.4 81.9 83.0 83.2 83.4 83.5 84.2 84.4 84.8 84.9 87.8 74.2 77.7 80.4 81.4 81.9 83.3 63.4 83.7 83.8 84.4 84.8 84.8 84.9 87.8 74.2 77.7 80.4 81.4 81.9 83.3 63.4 83.7 83.8 84.4 84.8 85.2 85.2 85.2 88.2 74.2 77.7 80.4 81.4 81.9 83.3 63.4 83.7 83.8 84.4 85.0 85.5 85.2 88.2 74.2 77.7 80.4 81.4 81.9 83.3 63.4 83.7 83.8 84.4 85.0 85.5 85.7 88.2 74.2 77.7 80.4 81.4 81.9 83.3 83.9 84.2 84.4 85.0 85.5 85.7 88.2 74.2 77.7 80.4 81.4 81.9 83.3 83.9 84.2 84.4 85.0 85.5 85.7 88.2 74.2 77.7 80.4 81.4 81.9 83.3 83.9 84.2 84.8 85.7 85.7 86.3 86.5 99.9 74.2 77.7 80.4 81.4 81.9 83.8 83.9 84.2 84.8 85.7 85.7 86.3 86.5 99.9 74.2 77.7 80.4 81.4 81.9 83.8 83.9 84.2 84.8 85.7 86.3 86.5 99.9 74.2 77.7 80.4 81.4 81.9 83.8 83.9 84.2 84.8 85.7 86.3 86.5 99.9 74.2 77.7 80.4 81.4 81.9 83.8 83.9 84.4 84.8 85.0 85.7 86.3 86.5 99.9 2 1800 2 1500 ≥ 900 ≥ 800 700 600 500 74.2 77.7 80.4 81.7 82.4 83.9 84.4 84.7 88.8 85.5 86.3 87.2 87.4 92.4 74.2 77.7 8 .4 81.7 82.4 83.9 84.4 84.7 85.2 86.2 87.0 88.5 89.2 94.9 74.2 77.7 8 .4 81.7 82.4 83.9 84.4 84.7 85.2 86.2 87.0 88.8 89.5 92.6 74.2 77.8 80.5 91.8 82.5 84.3 84.5 84.8 85.2 86.3 87.2 88.9 89.7 176.2 ± 300 ± 200

TOTAL NUMBER OF OBSERVATIONS...

USAF ETAC COM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLIBAL CLIMATOLOGY BRANCH USAF TAC AIT REATHER SERVICE/MAC

SEE CAPAGOZE AS SP

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1922-1100

CEILING .							ViS	IBILITY ST.	ATUTE MIL	£5						
feet :	≥ 10	≥6	≥5	≥ 4	≥ 3	≥2:	≥ 2	≥ 1 ;	≥1.	≥1	≥ 4	≥ '•	≥ :	≥ 5 16	2.	≥0
NO CEILING ≥ 20000			:													
≥ 18000 ≥ 18000																:
≥ !4000 ≥ 12000			+													
≥ 10000 ≥ 9000			• 											1		
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			59.7	61.1	62.2	€4.	64.6	67.5	68.6	59.5	69.9	77.5	72.7	71.2	71.2	73.1
2 4500 2 4000			57.4	61.5	62.6	64.3	64.9	67.9	69.	59.9	77.2	70.9	71.1	71.5	71.6	73.5
2 3500 2 3000			61.5	63.1	64.2	66.0		70.2	71.6	72.6	73.1	73.8	74.1	74.5 76.	74.6	76.4
2 2500 2 2000		• ·	62.3	54.7		67.8	58.8	72.6	74.1	75.3	75.9 76.7	76.7	76.9	77.4		79.3
2 1500 2 1500			62.5	64.9	66.7	68.3	69.3	73.8	75.3	76.5		77.9	7°.1	78.6		
2 1000 2 1000			62.6		56.3	68.5	69.6	74.4	75.9	77.2		78.5	75.8		79.3	91.1
≥ 900 ≥ 800			62.7	65.3	66.5	68.8	69.9	74.8	76.5		78.7		79.4		79.9 67.2	
2 700 ≥ 600			62.0	65.4	66.7			75.3		78.5	79.1	80.0	60.2	87.7	87.7	
≥ 500 ≥ 400			62.5	65.4	66.8	69.1	77.5		78.	79.4	60.0	81.4	81.9	82.6	82.6	94.7
2 300 2 700			62.8		1 .	69.1	70.9	76.2	78.4	80.2	81.5	83.0	84.2	85.7		89.5 91.6
2 3		1	62.9	65.4	66.8	69.1	70.9	76.2	78.4	80.2	81.6	83.3	85.1	87.7 67.7	87.9	94.7

TOTAL NUMBER OF OBSERVATIONS E1

USAF ETAC $\frac{6.08 M}{104.04}$ 0-14-5 (QL A). PREVIOUS EDITIONS OF THIS FORM ARE ORIGINAL.

4

CEILING VERSUS VISIBILITY

SERBL CLIMATOLOGY BRANCH LOGELTAC AT REATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY ST	ATUTE MIL	ES						
: FEET	≥10	≥ 6	≥ 5	≥4	≥ 3	≥2:	≥ 7	≥:::	≥1.	<u>≥</u> 1	٤.	≥ .	2 :	≥5 16	≥ .	≥°C
NO CEILING ≥ 20000						l										
≥ 18000 ≥ :6000									,							
≥ 14000 ≥ 12000	i				,											
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000							· · · · ·									
≥ 6000 ≥ 5000			63.3	67.4	69.5	72.6	72.2	74.0	74.4	75.2	75.4	76.2	767	77.4	77.4	78.1
≥ 4500 ± 4000			63.7				72.5	74.2	74.7		75.7 77.4					
≥ 3500 ≥ 3000	ļ		65.5	69.3	71.5 71.9		74.4			79.3 78.5	78.4 78.9	79.1	79.6	81.3	57.3 81.1	51.1 81.9
2500 2000			67. 67.6	71.1 71.7	73.8 74.4	75.3 75.9			79.7 83.6	80.7	81.1 81.9	92.1	82.6	83.3	83.3 84.2	84.5
2 1800 2 1500			67.6	,	74.6 74.6				3F.7	81.7 81.8	82.2	83.2	83.7 83.8	84.4	84.4	85.1
2 120C 2 1000			67.5	71.7	74.7 74.9	76.4 76.8		90.7 81.4	81.3 52.1	92.7 83.4	83.2 83.9	84.2 84.9	84.6	95.4 86.1	85.4	96 • 2
> 900 ≥ 800			67.6				79.1	82.1 82.9	\$2.7 83.5	84.0	84.5	85.6 86.5	86.1		86.9 87.7	
2 700 ≥ 600			67.8			78.3 78.6		1	63.7 84.8	85.0 86.1	85.5 86.6	86.6	87.1 88.3	27.8 89.1	87.8 89.1	88.7
≥ 500 ≥ 400			67.8		1							88.7	89.2	,	92.3	- '
± 300 ± 200			67.8	1	1	78.9 78.9		. (96.3 88.3	68.9 89.1	90.9		93.0 93.5	93.4	
> 130 ≥ 3			67.8		i .	: (81.4 81.4	95.3 95.3	85.6	88.3	89.1 89.1	91.0	92.0 92.0	93.7	94.2	97.1

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC 1004 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISSOLETE

GLOPAL CLIMATOLOGY BRANCH USAFETAC A: "EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1522-1722

CEILING							vis	IBILITY ST	ATUTE MIL	ES.						
FEET	≥10	26	≥ 5	≥ 4	≥ 3	≥2:	≥ ?	≥1 :	≥1.	≥1	≥ .	5.⁴	. ≥ :	25 10	≥ .	≥ 0
NO CEILING ≥ 20000										1				!	 	
≥ 18000 ≥ 16000													•	<u>.</u>		
≥ 14000 ≥ 12000		:													·	
≥ 10000 ≥ 9000		1											•			
≥ 8000 ≥ 7000													 		·	
≥ 6000 ≥ 5000			69.2	71.7	73.6	75.2	76.	76.7	77.	77.8	78.2	78.2	79.2	79.3	79.7	75.4
2 4500 2 4000			67.7	72.7	74.5	75.4 78.9	-77•1;	77.8	78.1	78.9	79.3	70.3	79.3	79.4	77.4	79.6
2 3500 2 3900			72.4	76.1	78.4		81.2	82.3	92.6		83.9	83.9	83.9	84.	84.	64.1
2500 2000			74.9		82.1 82.5	84.0 84.7		86.3	86.7		88.3	88.3	83.3	88.4	88.4	98.5
2 1800 2 1500			75.0	79.6 79.6		84.7	85.8	87.4	58.1	89.2	89.7	89.8	89.8	89.9	89.9 90.9	95.7
2 1000 2 1000			75.7 75.7	79.8 30.3	83.0	1		88.7		95.4	97.9	91.0	91.0	91.3	91.3	01.4
.≥ 900 ≥ 800			75.0 75.0		84.6 85.0	87.3	38.5	90.5	91.1	92.2	92.7	92.9	92.9	93.1	93.1	73.3
≥ 700 ≥ 600		·	75.0 75.0	30.7	85.0	27.8	89.3	91.4	92.		93.8	94.0	94 . C	94.2	94.2	94.5
± 500 ≥ 400			75.0 75.3	80.7 80.7	85.0 85.0			91.6 91.9		93.5 93.7	94.1	94.3	94.5	95.1	95.1	95.3
2 300 2 200			75.7 75.7	80.7 80.7	85.0 85.0	87.8 87.8	89.4	92.0 92.0	93. ^ 93. ^	94.5	95.1	95.4	95.6	96.3	96.6	96.9
2 96 2			75.0			97.8 97.8					95.2	95.7	95.9	97.2	97.7	96.9

USAF ETAC 100 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORGOLETE

BE BAL CLIMATOLOGY BRANCH USIFETAC ATH REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILLITY ST	ATUTE MIL	ES						
! FEET !	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1:	21.	≥1	≥ .	≥ .	2 .	, ≥516	≥.	≥0
NO FEUNG ≥ 20000				-									·	·	-	
≥ 18000 ≥ '5000				-												
≥ 14000 ≥ 12000		-														
≥ ¹0000 ≥ 9000										-		-			·	
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000	**		70 7	74 c	77 0	78.4	79.	90.3	6.0.0	85.9						
≥ 4500 ± 4000				77.2		75.9		8.13	81.3	91.4	61.8	81.9	82.3	82.3	82.3 84.2	£ 3 . 4
2 3500 2 3000			77.8	79.8		82.0	82.6	83.9	84.4	84.5	84.9		85.1	85.4	85.4	86.5
≥ 2500 ≥ 200 0			73.5	81.5	83.3		84.5		86.6		87.3	87.6 88.5	87.7	88.0	86.7 88.7 89.0	99.1
≥ 1800 ≥ 1500			78.9		€3.4		85.2	87.5	87.6	88.7		88.6		89.1	89.1	90.2
2 1200 ≥ 1000			79.7	82.8	84.5	85.7	86.4	88.3	89.	89.3	90.2	93.4	93.6	90.9	90.0	72.1
≥ 900 ≥ 800			73.8	83.4	85.4	86.6	87.6	93.0	9".6	90.9	91.8	92.2	92.3	92.7	92.8	93.9
≥ 700 ≥ 600			70.8 70.8	83.4	£5.4	86.6	87.6	90.1	97.7	91.1	91.9	92.3	92.4	92.8	92.0 93.3	94.
≥ 500 ≥ 400			79.8	83.4	85.4		87.7	90.2	90.8	91.3	92.3	92.8	93.1	93.5	93.7	94.9
≥ 300 ≥ 200			79.A		85.4	86.7	87.7	90.6	91.4	91.9	92.9	93.5	93.8	94.3	94.4	95.5
2 100 2 0			79.5	83.4	85.4		87.7	90.6	91.6	92.2	93.2	93.9	94.3	95.	95.4	97.3

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC 1000 0-14-5 (OL A) retinous formous of m

TLIBAL CLIMATOLOGY BRANCH LEAFETAC AI- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21,7-237

CEIUNG	:						vis	BILITY ST	ATUTE MIL	ES						
1 FEET	≥10	≥6	≥5	≥ 4	≥3	≥2:	≥ 2	≥1:	≥,•	≥1	٤.	≥ . •	. ≥:	≥5 16	<u> </u>	≥ડ
NO (EILING ≥ 20000			†												· · · · · · · · · · · · · · · · · · ·	
5 78000	1	!	+													
≥ !4000 ≥ 12000														i	,	
≥ 10000 ≥ 9000	:				-				i							
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000	:		77.8	70.1	8 . 7	81.1	81.3	92.1	£2.2	92.3	62.3	82.5	82.5	R2.6	\$7.6	• J. L
≥ 4500 ≥ 4000		 	1	79.6 81.1		81.6 83.1		82.6 84.1			82.8 84.3			53.1 54.6	53.1 34.6	83.1 85.1
≥ 3500 ≥ 3000		!	77.2		53.2 84.1	1 1			84.7 65.6	84.8 85.8	84.8 85.8			25.1 26.1		95.6 96.5
≥ 2500 ≥ 2000	!		8 ^ . 7 5 ^ . 7				85.3 85.8	86.1 86.6	86.2	96.5 87.1			85.6 87.2	1	86.7 87.5	
≥ 800 ≥ 1500			80.9 81.5		1	1 -		86.7 87.7	87.7 88.5	97.2 88.2	87.2 88.5	-		-	57.6 89.1	i
≥ 1200 ≥ 1000			6?•1 8?•2		37.2 37.6	-	_		89.7 89.5	89.2 89.7	89.5 90.5		í	1 -	97.1	01.2
≥ 900 ≥ 800			82.2 82.2		87.6 87.8		88.5 38.8	_	89.5 90.1					93.7		91.2 91.9
≥ 700 ≥ 600			82.7 32.2	85 • 8 5 5 • 8	87.8		88.8	89.8	90.2	90.5	90.7	91.0		91.5	91.5	92.7
≥ 500 ≥ 400			82.2	85.8	87.6	88.7	89.0	90.1	90.5	91.0	91.2	01.5	91.7	92.1	92.1	92.6
2 300 2 200			82.2	85.8	87.6	88.7	89.	90.4	90.7	91.4	91.5	91.9	92.2	92.6	92.6	93.2
9 10U 2 0		i	82.2			88.7	89.7	_			91.9		1	,	93.5	

USAF ETAC 101 64 0+14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISSOLETE

GLIBAL CLIMATCLOGY BRANCH UINTETAC AIT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST.	ATUTE MIL	E5						
FEET .	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2;	≥ 2	; ا≨	≥1.	≥1	≥ .	≥ .	≥ :	≥ 5 16	≥.	≥0
NO CEILING . ≥ 20000															•	
≥ 18000 ≥ 16000															-	-
≥ 14000 ≥ 12000	1													!		
≥ 10000 ≥ 9000													,		-	
≥ 8000 2 7000																
≥ 6000 ≥ 5000			69.8	72.5	74.7	75.	75.6	76.8	77.1	77.5	77.0	79 - 1	70 7	72 5	73.6	70.7
3 4500 2 4000			,	72.9	74.5		76.1	77.3		78.1	78.3	78.6	78.8		79.1	
2 3500 2 1000			71.9	74.9		77.7	78.4	79.8	87.2	87		81.3	81.5	P1.8		
≥ 2500 2000		· · · · · · · · · · · · · · · · · · ·	73.1	76.7	78.6	79.7	87.5	82.1	82.5			93.8	84.7	84.2	34.3	35.4 86.3
2 1800 2 1500			73.7	77.3	79.3	83.6	81.4	83.1	83.6	84.2		84.9	85.1	85.4	85.5	86.6
2 1200 2 1000			74.2	78.0	80.1	81.5	82.3	84.2		85.4	85.8	86.2	86.5	86.8	85.9	58.
.* 900 2 800				78.5		82.4	83.4	85.4	86.7	86.6	87.7	87.5	87.8	88.2	88.2 88.7	89.4
2 200 2 600			74.6	78.7	81.2	92.7	83.7	85.9	86.6	87.3		88.2	88.5	88.9	89.9 89.5	91.2
: 500 ≥ 400			74.6		81.2	82.9	84.0	36.3	87.1	87.8	88.3	38.9	89.3	89.8	89.9	01.1
2 300 2 200			74.6		81.3	83.0		86.7	87.7	88.6	89.2	90.0	90.6	91.4		93.6
2 0				78.7		33.0	84.2	P6.8	87.8	88.8	89.4	97.3	91.1	92.3	92.7	°6.

USAF ETAC 2004 0-14-5 (Ot A) retvious corross or this room are concluse

EL BAL CLIMATOLOGY BRANCH US MELTAC ATH REATHER SERVICE/MAS

CEILING VERSUS VISIBILITY

STATION STATION NAME STATION NAME PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							V15	BULLITY ST.	ATUTE MIL	ES						
FEE?	≥10	≥6	≥5	≥ 4	≥ 3	≥2.	≥ 2	≥1:	≥1.	≥1	≥ •	5 .•	≥ :	≥5 16	2.	≥0
NO CEILING ≥ 20000			· •													
≥ 18000 ≥ 16006			! .													
≥ 14000 ≥ 12000		:														
≥ 19000																
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			97.7	93.2	93.5	73.6	23.6	93.6	9.50	93.3	93.8	93.9	93.9	53.9	97.0	94.1
≥ 4500 ≥ 4000			*		94.2	04.4	94.4	94.4	94.5	94.5	94.5	94.6	94.6	94.6		94.8
2 3500 2 1000		!	91.9		94.8	94.9	94.9	94.9	95.1	95.1	95.1 95.5	95.2	95.2	95.2		
2 2500 2000			92.7 93.8	95.2 96.3		95.6	95.6	95.6	95.8	95.8	95.8	95.9	95.9	95.9		≎6.~
800 2 500			93.9		1			96.9 97.2			97.3				97.2	- 1
± 1200 ± 1000			95.1 95.3	97.6 97.9							98.3 98.6		98.4 98.7		98.4	
≥ 900 ≥ 800			95.3 95.3	98.0	98.2			98.4			98.5				98.7	
≥ 700 ≥ 600			95.3 95.3			98.7 98.7		98.9 98.9		99.0 99.0	99.0			i	99.2 99.2	1
≥ 500 ≥ 400			95.3	98.3	- 1	99.0 99.0	99.0 99.0		99.3	99.3					99.4 99.4	- 1
± 300 ≥ 200			95.3 95.3		98.7 98.7		99.D	99.2		99.3	99.3	99.4	99.4	99.4	99.4	170.7
3 3			95.3			99.0		,			99.3				99.4	

USAF ETAC 1.104 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORBOLETE

GLIBAL CLIMATOLOGY BRANCH

AT AFATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

APAGOLA AB SP

73-81

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES CEHING , ≥5 16 NO CEILING ≥ 20000 ≥ 18000 ≥ 16000 ≥ 14000 ≥ 12000 ≥ 10000 ≥ 9000 ≥ 8000 ≥ 7000 ≥ 6000 ≥ 5000 2 4500 2 4000 2 3500 2 3000 ≥ 2500 ≥ 2000 2 1800 2 1500 1200 ± 1200 ≥ 1000 900 800 700 40C 300 200 ÷ oc

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ζ

GL.PAL CLIMATOLOGY BRANCH COMPETAC ACH *EATHER SERVICE/MAC

LARAGOZA AB SP

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) VISIBILITY STATUTE MILES CEILING ہ≤ ≥ 5 ≥2. ≥ 2 ≥ : : ≥1. ≥ 1 ≥ . ه' 5 ≤ ن ⊊ NO CEIUNG ≥ 18000 ≥ 14000 ± :2000 ≥ ±0000 ≥ 9000 ≥ 8000 ≥ 7000 ≥ 6000 ≥ 5000 7.4 35. 86.8 88.2 88.2 89.0 89.7 99.7 89.5 9 2 97.2 97.4 20.4 50.4 70.5 35.2 67.0 85.3 88.3 89.1 89.8 89.8 90.7 97.4 90.4 90.5 90.5 30.5 81.3 86.7 88.5 90.0 90.0 90.6 91.5 91.6 91.6 92.2 92.3 92.4 92.4 92.4 92.4 81.7 87.4 89.1 90.7 90.7 91.5 92.2 92.3 92.4 92.9 93.0 93.1 93.1 93.1 52.1 88.7 90.5 92.0 92.0 92.0 92.9 93.5 93.7 93.8 94.2 94.4 94.5 94.5 94.5 4000 3500 83.5 89.1 92.9 92.4 92.4 93.3 94. 94.1 94.2 94.6 94.8 94.9 94.9 94.9 64.3 65.3 91.1 93.0 94.5 94.5 95.3 96.7 96.2 96.3 96.7 96.8 97.7 97.7 97.7 85.3 91.1 93.0 94.5 94.5 95.3 96.7 96.2 96.3 96.7 96.8 97.7 97.7 97.7 ≥ 2500 ≥ 2000 1800 1500 ≥ 1200 ≥ 1000 ≥ 900 ≥ 800 85.9 92.3 94.1 95.6 95.6 96.4 97.1 97.3 97.4 97.8 97.9 98.1 98.1 98.1 98.1 85.9 97.2 94.2 95.7 95.7 96.6 97.3 97.4 97.5 97.9 98.1 98.2 98.2 98.2 98.3 85.9 92.3 94.5 96.0 96.0 96.8 97.5 97.7 97.8 98.2 98.4 98.5 98.5 98.5 85.9 92.3 94.5 96.0 96.2 97.0 97.7 97.8 97.9 98.4 98.5 98.6 98.6 98.6 600 500 400 85.9 92.3 94.5 96.0 96.2 97.0 97.7 97.8 97.9 98.4 98.5 98.6 98.6 9.8 85.9 92.3 94.5 96.0 96.2 97.0 97.7 97.8 97.9 98.4 98.5 98.6 98.6 99.3 21.2 20C 85.9 92.3 94.5 96.0 96.2 97.0 97.7 97.9 98.2 98.6 98.9 99.2 99.2 C. 85.9 92.3 94.5 96.0 96.2 97.0 97.7 97.9 98.2 98.6 98.9 99.2 99.2 99.2 - G. 1 100

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

GERBAL CLIMATOLOGY BRANCH GERFETAC ATR AFATHER SERVICEZMAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							vis	islity ST	ATUTE MIL	£5						
I FEET	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2;	≥ 2	≥1:	21.	اخ	٤.	≥`•	. ≥:	≥ 5 16	2 4	. ≥¢
NO CEILING ≥ 20000																
≥ 18000 ≥ 3000			• •													
≥ 14000 ≥ 12000														<u>.</u>		
≥ 10000 ≥ 9000			, 					,					!			
≥ 8000 ≥ 7000						,								1		
≥ 6000 ≥ 5000			65.3	73.1	76.7	76.8	79.5	62.8	84.	94.8	85.2	96.1	86.2	. 66.5	85.7	87.0
≥ 4500 ≥ 4000			66.8 66.3	73.9	76.9 78.8				85.	95.9 88.5	66.3	87.2		57.6		56.1
2 7500 2 3000			69	76.4			83.3	56.9 88.4		89.2	89.6	97.4		97.8	91.1	01.4
2 2500 2 2000			73.2	77.9	81.3	82.1 83.1	95.2 86.2	89.5 90.6	90.8		92.8	93.7		94.1	94.4	94.9
2 1800 2 1500			71.2	76.8 79.0	82.5	;		91.0	92.3	93.7	94.3		95.4	95.6	95.9	96.3
2 1200 2 1200			71.6	79.2	83.1	84.0		91.8		94.5	95.1	96.7	96.2	96.4	96.7 97.4	97.1
. 90€ ≥ 800			71.9	-		84.3 84.3	87.7	92.6	94.	95.4	95.9 96.	96.9	97.0	97.3	97.5 97.7	98.
2 700 2 600			71.9	79.5 79.5		84.3	37.7 87.7	92.6		95.5 95.6	96.7	97.5			97.7	96.1
± 500 ≥ 400			71.9 71.9	79.5		84.3	87.7		94.3	95.6	96.4	97.4	97.5		98.1	98.F
2 300 2 200			71.9	79.5 79.5	83.3	84.3	87.7	92.9		95.9	96.7	97.7	97.8	i		9.80
> /30 ≥ 0			71.9					92.9	94.4	96.2	97.		98.5		99.2	99.6

TOTAL NUMBER OF OBSERVATIONS

HISAE ETAC 0-14-5 (OL A) mayorus entrone on this some are opening

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SECRAL CLIMATOLOGY FRANCH USAFETAC AI: *EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

LARAGOZA AS SP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							vis	BILITY ST	ATUTE MIL	ES		- -				
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.	≥ ?	≥: ;	≥1.	≥ 1	≥ 4	≥ '+	<u>.</u>	25.0	2.	÷
NO CEILING ≥ 20000				:	-											•
2 18000 2006' ≤				!			i								•	
≥ 14000 ⊇ -2000				:									·			
≥ 10000 ≥ 9000			i .	:							-					··· — ·-
≥ 8000 - 7000			; i								!				•	
≥ 6000 5000			71.9	77.8	8 . 5	۰2.	R 3 . 4	34.6	35.1	95.4	£5.4.	25.4	85.4	95.u	· · ·	e F.
2 4500 2 4000			73.2	79.ŭ	61.7	83.2 85.7	84.6	96.0	36.6	86.9		86.9	86.7	86.9		°5.
≥ 3500 ≥ 3000			77.5	93.7	86.4		89.6	91.5	91.8	92.1	92.1			97.1	92.1	C2.
2500 2000			77.9	86.1	89.€	91.6	93.5	95.1		96.2	96.2	96.2			95.2	95.
± 1800 ± 1500			80.8		91.1	\$2.9	94.8	96.5	97.3	97.5	97.5	97.5	97.5	97.5	97.5	27.
2 1200 2 1000			9•٦3	87.3	91.4		95.1	97.0	97.8	98.1	98.1 98.9	98.1	98.1		98.1	
≥ 900 ≥ 800			87.9	87.5	91.7	93.5		97.8	98.5	98.9			98.9			
≥ 700 ≥ 600					91.7	93.5	95.5	98.0	98.8	99.0		99.0	99.7			29.
≥ 500 ≥ 400			87.9	87.5	91.7	93.5	95.5	98.1	99.2		99.5		99.6	99.6	99.6	39,
2 300 2 200				57.6	91.8		95.6	98.4	99.5	99.7	99.7	99.7	100.0	100.0		170.
2 00 1		·	81.1	87.6	91.8	93.6 93.6	95.6	98.4	99.5	99.7	99.7	99.7	100.3	0.00		172.

USAF ETAC 10164 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DESCRITE

GELBAL CLIMATOLOGY BRANCH AT MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST.	ATUTE MIL	E5						
FEET	≥10	≥6	≥ 5	≥ 4	. ≥3	≥2:	≥ 2	≥1:	≥1.	≥ i	≥ •	2 .	≥ ;	≥5 16	≥.	20
NO CEILING ≥ 20000			* 1							 	•		·		•	
≥ 18000 ≥ '6000			!											:	•	
≥ 14000 ≥ 12000														!	•	
≥ 10000 ≥ 9000			!											* · · · · · · · · · · · · · · · · · · ·		
≥ 8000 ≥ 7000						i								• · · · · · · · · · · · · · · · · · · ·	•	
≥ 6000 ≥ 5000			79.8	27.9	83.7	87.0	24.1	94.8	S. E 2	35.2	65.4	85 u	45.U	55.4	- 5 . U	35.4
≥ 4500 2 4000			81.1	84.7		85.6	35.9	86.6	37.1				67.3	F7.3	87.3	
2 3500 2 1000			85.9	89.7	9 . 6	9 🗓 . 7	91.4	92.2	92.7	92.7	92.9	92.9	92.9	92.9		92.9
≥ 2500 ≥ 2006				93.7						97.3	97.4	07.4	97.4	97.4	97.4	97.4
2 1500			97.7		96.3		97.1	98.1		98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200 ≥ 1000			90.8	95.3		96.7	97.4	98.4	99.	99.^		99.3	99.3	99.3	99.3	99.3
≥ 900 ≥ 800			1	95.3	96.6	96.7	97.4	98.5	99.2	99.2	99.3	99.5	99.5	99.6	99.6	99.5
≥ 706 ≥ 600			90.3		96.6	96.7	97.4	98.5	99.7	99.2	99.3	99.5	99.5	99.6	99.6	99.5
≥ 500 ≥ 400			97.9		96.6		97.4	98.5	99.2	99.2	99.3	99.5	99.6	99.7	99.7	99.7
± 300 ≥ 200			97.4			96.7	97.4	98.5	99.3	99.3	99.5	99.7	99.9	170.3	100.0	170.7
> :06 ≥ :				95.3	96.6		97.4		99.3	99.3	99.5	99.7	99.9	1/0.7	100.7 100.7	170.7

TOTAL NUMBER OF OBSERVATIONS.

USAF ETAC 1084 0-14-5 (OL A) MEVIOUS EDITIONS OF

SLIBAL CLIMATOLOGY BRANCH UNIFETAC AT A FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIUNG							VIS	181L17 × 51	ATUTE MIL	.E5						
FEET	≥10	≥ 6	≥ 5	≥4	≥ 3	≥2:	≥ 2	≥1:	≥'•	≥1	2 .	≥.,	≥ :	. ≥5 16	2.	≥0
NO CEILING ≥ 20000														+		
≥ 18000						i							+			
≥ 14000 ≥ 12000	 						·			 						
≥ 10000 ≤													:			
≥ 8000 ≥ 7000			:								-		•			
≥ 6000 ≥ 5000			£ 3 . R	67-1	88 5	88 9	40 ~	20 7	60 0	0 - 3	60.1	000	000	93.1	~~.	
≥ 4500 ≥ 4000			84.2	87.5 90.5	89.0	89.4	89.6	90.0	97.5	95.7	90.8	96.8	90.8	90.e	9".F	95.8
2 3500 2 3000			68.1	91.5	93.0	93.4	93.6	94.1	94.7	96.	94.9	94.9	94.9	94.9		94.0
2500 2000			90.3	93.8	95.3	95.7	95.9	96.4	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4
2 1800 ≥ 1500			91.5	94.8	96.3	96.7	96.8	97.4	98 . 1	98.2	98.4	98.4	99.4	98.9	98.4	98.4
2 1200 ≥ 1000	1		91.5	95.3	96.8	97.3	97.4	97.9	98.6	98.8	99.2	99.2	99.2	99.2	99.3	09.2
> 900 ≥ 800			91.6	95.7	97.3	97.7	97.8	98.4	99.	99.2	99.6	99.6	99.6	99.6 99.6	99.6	99.6
≥ 700 ≥ 600			91.5	95.7	97.3	97.7	97.8	98.4	99.7	99.2	99.6	99.6	99.5	99.6	99.6	99.6
≥ 500 ≥ 400			91.6	95.7 95.7	97.3	97.7	97.8	98.4	99.	99.2	99.6	99.6	99.6	99.6	99.6	9.5
≥ 300 ≥ 200			91.6		97.3	97.7	97.8	98.4	99.7	99.2	99.6	99.6	99.6	99.6	99.6	09.5
≥ 136 ≥ 0			91.6	95.7	97.3	97.7	97.8	98.4	99.0	99.2	99.6	99.6	99.9	.00.0	120.0	פיםרו

TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORBOLETE

GLIBAL CLIMATOLOGY BRANCH UC4FCTAC AT - REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIUNG							vis	BILITY ST.	ATUTE MIL	E5						
FEE;	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1.	≥1.	≥1	2 •	≥ .	≥ :	≥ 5 16	2.	≥c
NO CEIUNG ≥ 20000																
≥ 18000 ≥ 16000														i		:
≥ 14000 ≥ 12000	·- ·															
≥ 10000 ≥ 9000			i .											!		
≥ 8000 ≥ 7000												-		!		
≥ 6000 ≥ 5000			93.3	92.2	92 .5	22.6	92.6	92.8	97.5	93	93.	93.5	07.0	93-0	67.7	33.7
≥ 4500 ± 4000		}	97.d	93.2		93.6		03.7	94.	94.	94.7		94.7	94.~	,	94.7
2 3500 2 1000				95.3	95.5			95.8	95.1	96.1	96.1 96.7	96.1	96.1	96.1 96.7	96.1	96.1
≥ 2500 ≥ 2000			94.3	96.4	96.7	96.8	96.8	96.9	97.2				97.2		97.2	
2 1800 2 1500			94.7	97.1	97.5	97.8	97.8	98.1	98.3	98.3	98.3		98.3	98.3	98.3	
≥ 1200 ≥ 1000			95.0	97.4	97.8	98.1	98.1	98.3	98.6		98.6 98.7	98.6		1	98.6 95.7	98.6
≥ 900 ≥ 800			95.1	97.8		98.5		98.7	99.	99.0	99.7	99.0		99.7		
≥ 700 ≥ 600			95.3	97.9	98.3		98.6	98.9	99.2	99.2	99.2	99.2	99.2		99.2	50.5
± 500 ≥ 400			95.3	98.1	98.5	98.7	98.7	99.0	99.3	99.4	99.4	99.4	99.4	,	99.4	09.4
2 300 2 200			95.3	98.1	98.5	93.7	99.0	99.3	99.6	99.7	99.7		99.7	99.7	99.7	99.7
2 100 2 0			95.3	98.1		98.7 98.7			99.6	ľ	1 1		1	99.9		175.7

USAF ETAC 10104 0-14-5 (OL A) MEVIOUS EDITIO

GLITAL CLIMATOLOGY BRANCH USIFETAS ATT MEATHER SERVICE/MAS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

CEILING							viS	BILITY STA	ATUTE MIL	ES						
FEE1	≥10	≥6	≥ 5	≥4	23	≥2;	≥ 2	≥1:	≥١.	≥1	≥ •	≥ `•	≥ :	≥5 16	≥ .	≥0
NO CEIUNG ≥ 20000					1											
≥ 18000 ≥ 16000																
≥ 14000 ≥ 12000					i		ĺ									
≥ 10000 ≥ 9000	,	i !														
≥ 8000 ≥ 7000												-				
≥ 6000 ≥ 5000		[81.	85.3	£6.6	27.3	87.8	26.7	89.	89.3	89.4	89.6	89.6	89.7	89.7	89.3
≥ 4500 ≥ 4000		; !	81.7	86.1	87.5 89.3	58.1	88.7	99.5	97.7	90.2		90.5	97.5	90.6	97.5	C. 7
≥ 3500 ≥ 3900		1	84.4	88.8		90.9	91.6		93.1	93.3	93.4	93.6	93.6	93.7	93.7	92.3
≥ 2500 ≥ 2000	·	!	86.1 87.1	90.7		93.0	93.7	94.8	95.4		95.9 97.		1		96.1 97.3	- 1
2 1800 ≥ 1500	:		87.5	92.2	93.7	94.4	95.2	96.3	96.9	97.1	97.2 97.5	97.4		(. ,	
≥ 1200 ≥ 1000				92.5	94.3	95.0	95.6	96.9	97.5	97.8	97.9 98.3	98.1		98.2	98.3 98.6	98.3
> 900 ≥ 800			87.9			95.3	96.1	97.4	98.7	98.2	98.4 98.5	98.6		ı	98.7	
≥ 700 ≥ 600	!		87.9	92.8		95.4	96.2	97.5	98.1	98.3		98.7	98.7	98.8	99.8 99.7	98.9
≥ 500 ≥ 400	1		88.0		- 1	95.6				98.6			1	99.1	,	
≥ 300 ≥ 200			88.7	92.9	94.8	95.6	96.5	97.8	98.5	98.8		99.3	99.4	99.5	99.5	99.8
≥ 100 ≥ 0			88.0								99.7			99.6		09.9 175.5

TOTAL NUMBER OF ORSERVATIONS______579

USAF ETAC 100 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

SETBAL CLIMATOLOGY BRANCH LEAFETAC AIR WEATHER SERVICE/MAC

TAPAGOZA AB SP

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES CEILING FEET 25 10 1 ≥ . 1 2 . | 2 . ≥10 ≥ 6 ≥1. NO CEILING ≥ 20000 ≥ 18000 ≥ 14000 ≥ 12000 ≥ 10000 ≥ 9000 ≥ 8000 ≥ 7000 ≥ 6000 95.6 96.1 96.1 96.1 96.1 96.1 96.1 96.2 96.2 96.2 ≥ 4500 ≥ 4000 96.2, 96.2 98.3 3500 98.3 98.3 3000 99.2.99.3 ≥ 2500 ≥ 2000 1800 1500 :200 ≥ 900 ≥ 800 97.9 99.1 700 600 97.9 99.5 99.7 99.9 99.9 99.9 99.9 99.9130.0100.01100.01100.01100.01100.01100.01100.01100.01100.01100.01100.01 97.9 99.5 99.7 99.9 99.9 99.9 99.9 99.9130.01100.01100.01100.01100.01100.01100.01100.01100.01100.01100.01100.0 200

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 10104 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOURTE

SERFETAC AIT LEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

ZARAGOZA AG SP PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOUR

Ł	Y OB	SEI	RVAT	IONS)	1					HOURS	. 5 '	
V15	ability 5	STAT.	JE MILE	5			 					-
	≥1:	-	<u>≥</u> 1. ;	≥1	2.	≥ .	 ≥ :	, ≥	5 16	2.	≥¢	-

CEILING							V/S	ABILITY ST	AT JTE MIL	E5						
FEET	≥10	≥6	≥5	≥4	≥ 3	≥2;	≥ 2	≱1:	≥¹.	≥1	2.	≥.•	. ≥:	, ≥5 16	≥ •	≥¢
NO CEILING			† † 													
≥ 18000 ≥ 16000														:		
≥ 14000 ≟ 12000													:			
≥ 10000 ≥ 9000													!			
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			94.4	95.9	96.1	76.1	96.1	96.1	96.1	96.4	96.4	96.4	95.4	96.4	76.4	96.4
≥ 4500 ≥ 4000		!	94.4	95.9	96.1		96.1		96.1	96.4	96.4	96.4	96.4	96.4	26.4	96.4
2 7500 2 3000			96.0		97.7 98.8		97.7		97.7	97.9		_		97.9		
≥ 2500 ≥ 2000		:	97.3		99.1	99.1	99.1	99.1	99.1	99.4	99.4		1	99.4		99.4
2 1800 2 1500			97.7	99.2		99.6	99.6	99.6		99.9	99.9	99.9	99.9	99.9	99.9	99.3
≥ :200 ≥ 1000			97.7	99.2	99.6		99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 900 2 800			97.8	99.4	99.7		99.7	99.7	99.7	100.0	100.7	100.0	100.0	105.0	100.7	100.7
≥ 700 ≥ 600			97.8		99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	103.0	100.0	100.0
≥ 500 ≥ 400				99.4	99.7		99.7	99.7	99.7	100.0		100.0	100.0	100.0		100.0
2 300 2 200			97.8	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.7	170.0
> 100 2 L		!	97.8	99.4	99.7	99.7	99.7	99.7	99.7	170.0	100.0	100.0	100.0	100.0	100.0	170.0

ELDEAL CLIMATOLOGY BRANCH ULLETATAC ATT AEATHER SERVICE/MAG

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING							VIS	181L1"Y ST.	ATUTE MIL	E5						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥ 1;	≥1.	۱≤	≥ .	≥`ı	≥ :	≥ 5 16	≥.	≥0
NO CEILING ≥ 20000						1										
≥ 18000 ≥ :6000				1	[
≥ 14000 ≥ 12000				:							l	·				
≥ 1000C ≥ 900C			1													
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			81.7	36.5	R9 . 76	0 0	91.7	97.6	94.1	94.1	94.3	04.3	94.5	94.6	04.6	94.7
≥ 4500 ≥ 4000			81.1		88.9	91.2 92.1	91.9	93.8			94.6	94.6	94.7	94.8		95. n
≥ 3500 ≥ 3000			67.9 64.3	88.7 90.2	92.8		94.1	,,	96.5	96.6 98.1	96.9	96.9		97.1 98.6	97.1	97.2
≥ 2500 ≥ 2000			84.4	90 • 3	92.5				98.1 98.5	98.2 98.7	98.5	98.5	98.6 99.1	98.7 99.2		98.9
≥ 1800 ≥ 1500			84.7	90.4 90.7	92.8	,		98.1	98.6	98.7 98.9	99.1	99.C	99.1 99.2	99.2	99.2	99.4
≥ 1200 ≥ 1000			84.8	90.8 90.9	93.1 93.2				98.9 99.1	99.3 99.2	99.2 99.5	99.2	99.4	_	99.5 99.7	
. 900 ≥ 800			84.9	9 - 9 9 - 9	93.2 93.2		96.6 96.6		99.1 99.1	99.2 99.2	99.5 99.5	99.5	99.6		99.7 99.7	-
2 700 ≥ 600			84.9	- 1	93.2			1	99.1 99.1	99.2	99.5 99.5	99.5		- 1	99.7	_
± 500 ≥ 400			84.9 84.9	- 1	1	95.7	96.6	98.6	99.1 99.1	99.2 99.2	99.5 99.5	99.5 99.5			- 1	99.9
2 300 2 200			£4.9	90.9 90.9		95.7 95.7			99.1 99.1		99.5 99.5				99.7	
≥ 130 ≥ 0			64.9	1		95.7		98.6 98.6	99.1		99.5 99.5					

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

4

GL PAL CLIMATOLOGY BRANCH US AFETAC AIT MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-022-112

CEILING							VIS	BILITY ST	ATUTE MIL	ES						
FEET :	≥ 10	≥ 6	≥ 5	≥4	≥ 3	≥2:	≥ 2	≥1';	≥1.	≥1	≥.	≥ '•	≥ :	≥ 5 16	≥.	≥0
NO CEILING ≥ 20000																
≥ 18000 ≥ 18000														1		
≥ 14000 ≥ 12000					!											
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			60.5	77.0	£2.7	85.1	36.0	90. 7	89.8	0 - 5	90.8	91.	01.0	01.	21.7	91.
≥ 4500 ≥ 4000				78.0	83.2		87.9	90.3	90.€	91.5	91.8	92.0	92.0	92.	92.	92.7
2 3500 2 3000			+	80.2	85.3	88.2	90.1	92.8	93.4	94.4	94.7	94.9	94.9	94.9	94.9	24.9
≥ 2500 ≥ 2000			73.5	82.4	87.6	90.5	92.4	95.1		96.7	97.0	97.2	97.2	97.2	97.2	97.2
2 1500 2 1500			74.0		88.4	91.4	93.4	96.3	97.	98.0		98.5	98.5	98.5	98.5	98.5
2 1200 2 1000			74.0	83.3	88.5	91.7	93.7	96.8	97.5	96.5		99.	99.0	99.	99.7	99.
≥ 900 ≥ 800			74.	83.3	88.5	91.7	93.7	97.D	97.6	98.6		99.2	99.2	99.2	99.2	99.2
2 700 ≥ 600			74.1	93.4	98.6	91.8		97.1	97.7	98.7		99.5	99.5	99.5	99.5	99.5
: 500 ≥ 400			74.1	83.4	88.6	91.8		97.1	97.7	98.9		99.6	99.6	99.6	99.5	99.6
2 300 2 200	-		74.1	83.4	88.6	91.8	93.8	97.1	97.7	98.9	99.1	99.6	99.6	99.6	99.6	99.5
9 10C			(1	83.4	88.6	91.8	93.8	97.1	97.7	98.9	99.1	99.7	99.7	99.7	99.7	99.7

USAF ETAC 10164 0-14-5 (OL A) regulous follows of this folio all obsolet

GLIBAL CLIMATOLOGY BRANCH LIGHTETAC ALE WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION STATION HAVE

73-61

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12:2-1422

CEILING					-		vi5	BILITY ST.	ATUTE MIL	ES						1
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≩2 ;	≥ 2	≥ 1 :	≥١.	≥1	≥ .	≥ `•	≥ :	≥5 16	≥ .	≥c
NO CEILING ≥ 20000				-												
≥ 18000 ≥ 18000														i		
≥ 14000 ≥ 12000																
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			75.6	92.3	85.1	85.7	86.1	86.8	86.9	87.	87.	87.0	47.7	67.2	87.2	D7.
≥ 4500 2 4000			76.9	83.7				88.3	88.3	88.5	88.5	88.5	88.5	88.5	ä8.5	88.5
2 3500 2 1000			82.6	89.7			93.9		94.6	94.7	94.7	94.7	94.7	94.7		94.7
2500 2000			84.7	92.1	94.9	95.9	96.2	97.3			97.1	97.1	97.1	97.1		97.1
900			85.6	93.4	96.1	97.4	97.7				98.6		99.6	98.6		98.6
- 70C			85.7	93.6	96.4	97.7	98.2	99.0	99.0	99.1		99.2	99.2	99.2	99.2	79.2
			85.7	93.6	1	97.7	98.2	99.3	99.0	99.1	99.2	99.4	99.4		99.4	99.4
700 5 600			85.7	93.6	1	97.7	98.2	99.1	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5
- 100 400		 	85.7	93.6	96.4	97.7	98.2	99.1	99.1	99.2	99.4	99.5	99.6	99.6	99.6	99.5
100 2 700		 	85.7 65.7	93.6	96.5	97.9	98.4	99.2	99.2	99.5		99.7	99.9	99.9		99.9
	·		85.7	93.6	96.5	97.9	98.4	99.2	99.2	99.5	99.6	99.9	1.0.0	100.0	100.3	100.0
			65.7	93.6	96.5	97.9	98.4	99.2	99.2	99.5	99.6	99.9	1000	D 00 - C	100.0	150.2

TOTAL NUMBER OF OBSERVATIONS...

798

TISAS STAC ... O. M.S. (OL A) assume surrous of this come assured

No.

GLOBAL CLIMATOLOGY BRANCH USBFETAC AIO REATHER SERVICEZMAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15 7-177

CEILING							V15	BILITY STA	ATUTE MIL	ES						
FEET	≥ 10	≥6	≥5	≥ 4	≥ 3	≥2:	≥ 2	≥1:	≥1.	≥1	≥ .	≥ .	i ≥ :	≥ 5 16	≥ .	. ≥6
NO CEILING ≥ 20000		!	 													
≥ 18000 ≥ 16000			!										:			
≥ 14000 ≥ 12000		!											!			
≥ 10000 ≥ 9000													! !	1		
≥ 8000 ≥ 7000													1			i
≥ 6000 ≥ 5000			85.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4500 ≥ 4000			88.2	91.1	91.3	91.3	91.3	91.3	91.3	91.3		91.3	91.3		91.3	7:.3
≥ 3500 ≥ 3000				94.6		94.9	94.9	95.0	95.	95.3		95.	95.7	95.7	95.7	
≥ 2500 ≥ 2000		1	94.4	97.5		97.7	97.7	98.3	98.7	98.0	98.7	98.0	98.0	98.0	98.0	98.3
≥ 1800 ≥ 1500			95.6	98.9	99.1	99.1	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	C9.6
≥ 1200 ≥ 1000				99.1	99.4		99.4	09.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
: 900 ≥ 800			95.9	99.1	99.4	$\overline{}$	99.4	99.6	99.7	99.9	99.9	99.9	99.9	1000	100.7	170.7
≥ 700 ≥ 600			95.7		99.4		99.4	99.6		99.9	99.9	99.9	99.9	170.3	130.7	170.7
≥ 590 ≥ 400			95.9	99.1	99.4		99.4	99.6	99.7	99.9	99.0	99.9	99.9	100.0	130.7	170.7
± 300 ± 200			95.9 95.9	99.1 99.1		99.4			99.7	t .	99.9				100.0	
> 30 ≥ 9		1	1 1	99.1 99.1	99.4	99.4	,	1					1		100.0	Γ.

NUMBER OF ORSERVATIONS 70

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS SOITIONS OF THIS FORM ARE OBSOLET

SLUBAL CLIMATOLOGY BRANCH OFFETAC ALL AEATHER SERVICE/MAC

ARAGOZA AB SP

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 2 T1 = 1 T = 1

CEILING							V15	BILITY ST	ATUTE MIL	£5						
' FEET !	≥10	≥6	≥ 5	≥4	≥ 3	≥2 :	≥?	≥:	≥1.	≥1	≥ .	≥ .	. ≥ :	≥5 16	≥ .	≥¢
NO CEILING																
≥ 18000 ≥ 15000								ì								
≥ 14000 ≥ 12000														!		
≥ 10000 ≥ 9000					i			i						!	•	
≥ 8000 ≥ 7000																
≥ 6000 ± 5000			97.6	91.9	92.5	92.7	92.7	92.8	92.8	92.8	92.8	92.8	97.8	92.5	92.8	92.8
≥ 4500 ≥ 4000				92.7	93.3	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.5
2 3500 2 3000					96.1		96.3	96.5	96.5	96.5		96.5	96.5	96.5	96.5	25.5
≥ 2500 ≥ 2000	············		96.2	97.7 98.2	98.5	98.7	98.7	98.9	98.9	98.9		98.9	95.9	99.9	99.4	98.9
≥ '800 ≥ '500			96.7		99.2		99.5	99.6		99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200 ≥ 1000			96.7	98.5 98.6				1	99.6			99.6	1	1	99.6 99.7	
≥ 900 ≥ 800			96.8 97.7	96.6 98.7	- 1		99.6 99.7	1				99.7		1	99.7	99.7
≥ 700 ≥ 600			97.7	98.7 98.7	99.5			1	99.9	-	!	99.9		Г		100.5 102.5
≥ 500 ≥ 400			97.5	98.7 98.7	99.5 99.5	99.7				99.9					100.7	
2 300 2 200			97.0	98.7 98.7		99.7 99.7	99.7		99.9						130.7	
> 100 ≥ 0			97.0	98.7	99.5	99.7				_	l - i		-		100.5 100.5	

USAF FTAC IN ME D-14-5 (OL A) PREVIOUS PORTONS OF THIS FORM ARE ORSOLETI

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SLIBAL CLIMATOLOGY BRANCH UNAFETAC ATO WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1505 LARAGOZA AB SP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

BSERVATIONS)

STATUTE MILES

CEHING FEET	· ·	VISIBILITY STATUTE MILES														
	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 :	≥ 2	≥1:	≥1.	۱≤	≥ .	≥ .	≥ :	≥ 5 16	≥ .	≥c
NO CEILING 2 20000								,			:					
≥ 18000 ≥ 6000									i	!				1		
≥ 14000 ≥ 12000											İ					
≥ 10000 ≥ 9000									:							
≥ 8000 ≥ 7000						ĺ					!	<u> </u>			}	
≥ 6000 ≥ 5000			95.1	95.2	95.4	95.4	25.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 4500 ≥ 4000			95.5 96.5		95.9 97.0		-		•	95.5	1		l .	96.	96.0 97.2	96.0
≥ 3500 ≥ 3000			97.2						97.8 98.8		97.8 98.8	97.8 98.8	1	97.8 98.8		77.8 23.4
≥ 2500 ≥ 2000			98.5 93.7			1		99.3	99.1		99.1	99.1	99.1	99.1		≎9•1 ∋9•4
≥ 1800 ≥ 1500			93.7	99.0 99.2					99.4	,	99.4			99.4	_	٠ .
≥ 1200 ≥ 1000			99.1	99.4			_	99.6	99.7		99.7	99.7	99.7		99.7	99.7
2 900 2 800			99.1	99.4 99.5			99.6 99.7		99.7		99.7			99.7		
≥ 700 ≥ 600			99.2			99.9		99.9	100.7	170.3	130.0	100.0	120.0	150.0	ن • دن د	1000
≥ 500 ≥ 400			99.2			99.9		99.9		190.0	100.0	100.0	100.7	100.0	ר.רםי	
≥ 300 ≥ 200			99.2		79.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0 100.0	107.7	
≥ 130 2 0			99.2		99 .9	- 1								100.0		

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GESTAL CLIMATOLOGY BRANCH Unifertad Als reather Service/Mac

CEILING VERSUS VISIBILITY

ARAGOLA AB SP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							vis	BILITY ST	ATUTE MIL	E5						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2;	≥ 2	≥t'; !	≥).	≥+	2.	5.•	. ≥ .	≥ 5 ' 6	2.	20
NO CEILING ≥ 20000				·										•		~
≥ 18000 ≥ 16000				,									•			
≥ 14000 ≥ 12000																
≥ 10000			1													
≥ 8000 ≥ 7000						1							i	,		
≥ 6000 ≥ 5000			65.7	89.7	0 . 7	9 4	91.8	92.4	92.6	92.7	97 B	92.5	67.9	62.9	97.0	s . 0
≥ 4500 ≥ 4000			57.9	89.9	91.4	92.1	92.5		93.7			93.5	93.6	93.6		73.6
2 3500 2 3000		 	89.9			04.9		97.7	96.2	96.4	96.5	96.5		96.5	36.5	56.5
≥ 2500 ≥ 2006			90.7			96.8		97.9		98.3		09.4		98.4	98.4	96.1
≥ 1800 ≥ 1500			91.2			07.6	98.7	98.8		99.2		99.3	99.3		99.5	9.3
≥ 1200 ≥ 1000			91.4	95.4	96.9	97.8	98.3	99.3			99.5	99.6	99.6	99.6		79.5
≥ 900 ≥ 800			91.4		96.9	97.9	98.3	99.1			99.6	99.7	99.7	99.7	99.7	
≥ 700 ≥ 600			91.5	95.5	97.0		98.4	99.2	99.4	99.6	79.7	99.8	99.8	99.8	99.8	99.9
∴ 500 ≥ 400			91.5	95.5	97.0		98.4	09.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	09.0
≥ 300 ∴ 290			91.5	95.5	97.3		98.4	99 . Z	99.4	99.7	99.7	99.8	99.9	99.9	99.9	59.3
> 100 2 0			91.5	95.5	97.0	96.C 98.D	98.4	99.2	99.4	99.7	99.7	99.9	99.9	99.3	99.0	ר.פינ

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101 64 0-14-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE ORBOLETE

GUCBAL CLIMATOLOGY BRANCH USAFETAC ATH ABATHER SERVICE/MAC

CARACOZA AB SP

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	oibicity St	ATUTE MI	ES.						
FEET	≥ 10	≥6	≥5	≥4	≥ 3	≥2.	≥ 2	≥1	21.			≥ •	2	. ≥ 5 16	2.	≥٥
NO FEILING ≥ 20000			†				 	,		! !	 			*	•	
≥ 18000 ≥ 16000			1				 		 	 				•		
≥ 14000 ≥ 12000			+		,									*	·	
≥ 10000 ≥ 9000			+				:						•	•		
≥ 8000 ≥ 7000														+		
≥ 6000 ≥ 5000			07.7	34.3	94.7	O4. 3	94.3	00.5	04 5	04 5	04 5	9,, 5		94.5	94.5	
≥ 4500 ± 4000		·		95.0		95.0	95.7 96.2	95.1	95.1		95.1		25.1	95.1 95.3	35.1	75.1 75.1
2 3500 2 1006		· · · · · ·	95.9		96.6		96.6	96.7	96.7	96.7 98.0			96.7	96.7		75.7
> 2500 > 2000			97.5		98.4		98.4		98.5	98.6	98.6			98.5	99.7	96.6
: 800 ≥ 1500			98.7	98.8	99.1		99.1		99.3	99.3			99.3	· · · · · · · · ·	99.7	09.
2 1200 2 1000			98.7	98.9 99.1			99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	79.5. 79.7	99.5
- 900 ≥ 800			99.3		99.5	99.5	99.5	99.7		99.7	99.7	99.7	99.7	99.7	90.7 99.7	99.
≥ 700 ≥ 600			99.3		99.5	99.5	99.5		79.7	09.7	99.7	99.7	99.7	99.7	99.7	29.7
2 500 2 400			99.3	99.1		99.5	99.5			99.7	99.7		99.7	99.7	39.7	
z 300 z 200			99.7	99.1		99.7	99.7		100.7		100.0	100.0		170.7	100.0	20.
> -0C				99.1	99.7	99.7	99.7	100.0	137.7	100.0	130.3	100.0		120.	117.7	72.

USAF ETAC ... 04 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DESCRIPE

CLUBAL CLIMATOLOGY BRANCH

WEATHER SERVICE/MAC

ARACOZA AB SP

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIUNG							ViS	IBILITY ST	ATUTE MIL	£5						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2 .	≥ 2	≥1:	≥1.4	≥1	≥.	≥ .	≥ :	≥ 5 16	≥ .	≥0
NO CEIUNG ≥ 20000													<u> </u>	! -		
≥ 18000 ≥ 16000																
≥ 14000 ≥ 1000									-				:		·	
≥ 10000 ≥ 9000			†! 										•	-	·	·
≥ 8000 ≥ 7000													í			
2 6000 2 5000			92.3	27.2	93.6	93.8	23.8	07 6	57.0	93.0	0.7.0	0.7.0	07.0	67.0	93.9	~ ~ ~
₹ 4500 ± 4000				93.8	94.2	94.3	94.3	94.3	94,4	94.4	94.4	94.4		94.4		C4.4
≥ 350C ≥ 300G	·		91.4	95.0	96.0	96.2		96.2			96.3	96.3	96.3	96.3		76.3
250C 2000			96.7 96.7	97.3	98.0		98.1	98.1	98.7	98.3		98.3	98.3	98.3	98.7 99.1	08.3
2 800 2 1500			96.7	28.1	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1		99.1
± 1200 ± 1000				98.7 98.7	99.3	99.5	99.5	99.5	99.6	99.6		99.6	99.6	99.6	99.6	99.5
2 90€ 2 800			97.3	98.7	99.3		99.5	99.5		99.6	99.6		99.6	99.6	99.5	99.5
≥ 700 ≥ 600			97.3	98.9		99.7	99.7	99.7		99.9	99.9		99.9	99.9	99.9	99.7
≥ 500 ≥ 400			97.3	99.1	99.7	99.9		99.9	107.0	133.3	130.0	100.0	100.0	100.0		170.7
2 300 2 200			97.3	99.1	99.7	99.9	99.9	99.9	100.7	100.0	100.0	100.0	100.0	100.0	130.0	170.7
> 100 ≥ 0			97.3	99.1	99.7	99.9	99.9	99.9	100.0	103.0	100.0	100.0	100.0	100.0	100.0	100.7

TAL NUMBER OF OBSERVATIONS

USAF ETAC 14.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLUTE

SLIBAL CLIMATOLOGY BRANCH LIBERTHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

637-10-3

									ERVA	10113)						
CEILING							ViS	IBILITY STA	ATUTE MIL	E S						:
FEET	≥ 10	≥6	≥ 5	≥ 4	2 3	≥2.	≥ 2	≥1:	≥1.	≥1	2 .	≥ '•	. ≥:	≥5 16	≥ .	≥c
NO CEILING													·			
≥ 18000	-		 										· · · · · · · · · · · · · · · · · · ·	:		
≥ 14000 ≥ 12000																
≥ 9000 ≥ 9000											į			[
2 8000 2 7000											j					
≥ 6000 ≥ 5000			75.9	81.	83.9	95.9	36.8	88.4	35.5	88.8	a8.9	88.9	58.9	38.9	88.9	68.9
± 4500 ± 4000			77.5	81.7	84.6	86.5	87.5	89.0	89.2	89.4	89.4	89.5	89.5	89.5	89.5	89.5
2 3500 2 3000			87.3 82.2	1	87.5 89.5					-	92.7				92.9 95.3	
2 2500 2 2000			82.5 83.7	:	90.1 91.2						95.6 97.1	95.8	95.8	95.8	95.8	95.3
2 800 2 500			83.9	- 1	91.4 92.0		-				97.3 97.9					
≥ 1200 ≥ 1000			84.2 84.2								98.2 98.6					
≥ 800 ≥ 800			84.3 E4.4	89.3 89.7	1	95.2 95.6					98.7 99.2				-	
2 700 ≥ 600	i		84.7	89.9 90.1	93.5 93.6	95.9 96.1	;		99.2 99.3	- 1	99.6					
≥ 500 ≥ 400			84.8 84.8	90.1 90.1		96.1 96.1	-				99.7					
≥ 300 ≥ 200			84.8 84.9	93.1 90.1	93.6 93.6		97.4 97.4				99.7					
> 100 2 0				- 1	,	- 1					99.7					

TOTAL NUMBER OF OBSERVATIONS

LISAF FTAC MAN Dellas (OL A) ensures soutions on this sound are descripting

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SLIFAL CLIMATOLOGY BRANCH Upafetac Al Jeather Service/Mac

CEILING VERSUS VISIBILITY

LADASOZA AB SP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1932-1100

CEILING							VIS	BILITY ST.	ATUTE MIL	E5						
l FEET !	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1:	≥1.	≥1	≥ 4	≥ .	≥ .	, ≥ 5 16	٤.	≥c 1
NO CEIUNG ≥ 20000			1	+							1					
≥ 18000 ≥ 16000				•												
≥ 14000 ≥ 12000				:		-							!	1		
≥ 10000 ≥ 9000			1 !							i				:		
≥ 8000 ≥ 7000				i				•						!		
≥ 6000 ≥ 5000			74.6	81.2	55.1	96.7	87.	87.6	67.9	88.	88.	88.7	60.2	89.2	68.2	
≥ 4500 2 4000			75.7		65.1 88.3		56.2 93.3	88.8	89.1		89.2	89.3	89.3	89.3	gç., 7	
≥ 3500 ≥ 3000			73.6		89.7	91.5		92.5	92.8	92.9	92.9	93.1	93.1	93.1	93.1	93.:
≥ 2500 ≥ 2000			81.1	87.8				95.6	95.9	96.0	96.0	96.1		96.1	96.1	°6.1
≥ 1800 ≥ 1500			81.3 81.9	89.7	93.3	95.2		96.8	97.	97.2	97.2		97.3	97.3	97.7	97.3
2 1200 2 1000			57.3	90.2 90.6	94.7	96.7	97.3	98.2	98.5			98.7	98.7	98.7	99.7	95.7
≥ 900 ≥ 800			82.6	90.9		97.6	98.2	99.1	99.4	99.5	99.5	99.7	99.7	99.7		99.7
≥ 700 ≥ 600			82.8	91.0	95.6	97.7	98.3	99.4	99.6	99.7	99.7	173.0	100.0	100.0	100.0	175.7
≥ 500 ≥ 400			82.8 82.8	91.0	95.6		98.3	99.4	99.6	09.7	99.7	190.0	100.0	170.0	100.0	172.3
2 300 2 200			82.9	91.0	95.6		98.3	99.4		99.7					100.0	1
≥ 100 ≥ 5			82.8			97.7 97.7			99.6	- 1	- 1			(· ·	ר.חכו ר.פסי	1

TOTAL NUMBER OF DESERVATIONS_

_777

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLIBAL CLIMATOLOGY BRANCH US4FETAC ATH WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION STATION NAME PERCENTAGE ERECULENCY OF OCCUPREN

1000-1400

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIUNG							ViS	ability St.	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 :	≥ 2	≥1;	≥≀.	≥1	≥ .	≥`•	≥ :	≥5 16	≥.	≥c
NO CERING ≥ 20000				1				1								
≥ 18000 ≥ 18000														:		
≥ 14000 ≥ 12000					1								:	!	!	
≥ 10000 ≥ 9000							-							,		
≥ 8000 ≥ 7000													İ			
≥ 6000 ≥ 5000	·		87.6	83.5	85.4	85.7	85.7	85.7	85.7	85.7	85.7	R5.7	85.7	85.7	85.7	25.7
≥ 4500 ≥ 4000			87.3	84.9	86.8	87.1	57.1	87.1		87.1	87.1	87.1	87.1	67.1		P7.1
≥ 3500 ≥ 3000			87.9	93.1	95.1	°5.4	95.4 98.1	95.5		95.5	95.5	95.5	95.5	95.5	95.5	96.2
2 2500 2 2000			92.6	96.3	98.5	98.7	98.7	98.9			98.9	98.9	98.9	98.9	99.9	
≥ 1800 ≥ 1500			93.1	96.6	93.7	99.1	99.1	09.2	99.2		99.2	99.2	99.2	99.2	99.2	29.2
≥ 1200 ≥ 1000			93.2	76.7	98.9		99.2	99.4	99.4	99.4		99.4	99.4	99.4	99.4	99.4
2 900 ≥ 800			93.5		99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2 700 ≥ 600 j			93.7	97.3		99.9	99.9	130.0	137.0	170.0	100.0	100.0	100.0	100.0	100.7	170.7
			93.7		99.5	99.9	99.9	100.0	100.	170.0	100.0	100.0	00.00	100.5	100.0	100.0
≥ 300 ≥ 200			93.7		99.5	99.9	99.9	100.0	100.7		100.0					מיםרו מיםרו
9 10C 2 0		1	93.7			1	_				100.0					, - I

7 a

USAF ETAC 1084 D-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLIBAL CLIMATOLOGY BRANCH LIMETAC AL: AFATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES CEILING FEET ≥ 5 ≥4 ≥ . ≥ 5 16 ≥0 ہ≤ ≥2: NO CEILING ≥ 20000 ≥ 18000 ≥ 12000 ≥ 10000 ≥ 9000 ≥ 8000 ≥ 7000 6000 5000 ≥ 4500 ≥ 4000 4500 ≥ 3500 ≥ 3000 ≥ 2500 ≥ 2000 1800 ± 1500 1200 1000 700 ٥00 500 400 95.4 300 98.1 99.2 99.2 99.4 99.9100.7100.0100.0100.0100.0100.7107.7176.7

TOTAL NUMBER OF OBSERVATIONS 7

USAF ETAC FORM 0-14-5 (OL. A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC Ale meather service/mac

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1927-2500

CEILING							VIS	BILITY ST.	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 :	≥ 2	≥1';	≥1.	≥1	2 .	≥.,	, ≥ ,	≥5 16	≥ .	, ≥c
NO CEILING ≥ 20000													i			
≥ 18000 ≥ 16000				-												
≥ 14000 ≥ 12000													1			
≥ 10000 ≥ 9000				-				-								
≥ 8000 ≥ 7000													 			-
≥ 6000 ≥ 5000			89.7	91.0	91.3	91.4	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.5	71.
≥ 4500 ≥ 4000			92.7	92.4	92.7	92.8	92.8	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	≎3•
≥ 3500 ≥ 3000			93.7	95.5	95.8	95.9	95.9	95.9	96.7	96.1	96.1	96.1	96.1	96.1	96.1	96.
≥ 2500 ≥ 2000			95.2	97.3	97.6 97.8	98.1	98.3		98.5	98.6	98.6	98.6	98.6	98.6	98.2	98.
≥ 1800 ≥ 1500			95.8	97.6	98.3	98.6		98.8	99.0	99.1	9^.1	99.1	99.1	99.1		99.
≥ 1200 ≥ 1000			95.9	97.7	98.5	98.7	99.3	99.0	99.1	99.2		99.2	99.2		99.2	99.
≥ 900 ≥ 800			96.1	97.9	98.7 98.7 99.0	99.C	99.2	99.2	- ,	99.5	99.5	99.5	99.5		99.5	29.
≥ 700 ≥ 600			96.3 96.3 96.3	98.2	99.0	99.2	99.7	99.7	99.9	100.5	99.7	100.0	100.0	100.0	100.7	irc.
≥ 500 ≥ 400			96.3	98.2	99.0	99.2	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	isa.
≥ 300 ≥ 200			96.3	98.2		99.2	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	סר ג.
> 100 > 0			96.3	98.2	99.0	99.2	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	130.

TOTAL NUMBER OF OBSERVATIONS....

778

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OREGULT

SETBAL CLIMATOLOGY BRANCH USBFETAN AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2122-232

CEIUNG							VIS	SIBILITY ST	ATUTE MIL	E5						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 ;	≥ 2	≥11:	≥1.	≥1	≥	≶ .•	≥ ;	≥5 16	≥.	≥c
NO CEILING ≥ 20000								1								
≥ 18000 ≥ 16000																
≥ 14000 ≥ 12000																
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			92.8	93.6	93.9	93.9	93.9	93.9	93.9	93.9	97.9	91.9	93.0	93.9	0 7 . 0	07.6
≥ 4500 ≥ 4000			93.4	96.0		94.4		1			94.5	94.5	,	94.5	94.5	94.5
2 3500 2 3000			96.1	96.9 98.0	97.0	- 1			97.4		97.4	97.4		97.4	97.4. 98.8	
≥ 2500 ≥ 2000			97.4				99.3		99.1	99.1	99.1	99.1				
≥ 1800 ≥ 1500			97.5		99.1	99.3				99.5	99.5 99.6	99.5		99.5		- 1
≥ 1200 ≥ 1000			97.7	98 • 6 98 • 6	97.1 99.1	99.5			99.6	99.6	99.6	99.6	99.6		- 1	99.6
2 900 ≥ 800			97.7	98.6 98.6		99.5				ì	1 -	99.6	1	99.6	99.6	99.6
≥ 700 ≥ 600			97.8			99.7	99.7	99.9		1	99.9		-	99.9	99.9	
≥ 500 ≥ 400			97.9			,		100.0							198.7 188.7	
≥ 300 ≥ 200				99.0	99.5		99.9	120.0	100.7	120.0	100.0	100.0	100.7	100.0	100.0	120.2
3 100 ≥ 0															102.0	

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRIPT

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR *EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STANCOZA AB SP

73-61

AP=

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS : ST

CEILING							VIS	IBILITY ST.	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1:	≥:.	≥1	≥ .	≥ .	. ≥ ;	≥ 5 16	≥.	≥0
NO CEILING ≥ 20000														:		
≥ 18000 ≥ 16000				i									:			
≥ 14000 ≥ 12000					į									i i		
≥ 10000 ≥ 9000														1		
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			85.6	28.1	89.4	89.9	9^•1	90.4	90.5	90.5	90.5	90.6	92.6	90.6	92.6	30.5
≥ 4500 ≥ 4000			85.5		9 .4	93.9	91.1		91.5	•	91.5		91.6	91.6	91.5	91.6
≥ 3500 ≥ 3000			91.2		1	94.9	95.7		95.5 97.5			95.6	95.6	95.6	95.6 97.5	95.5
≥ 2500 ≥ 2000		!	92.5	- 1	1	97.2 97.8				98.C	98.7		1	98.1 98.8	l .	
≥ 1800 ≥ 1500			92.7	95.6 95.8		97.9	98.2 98.4		98.7	98.8	98.8	98.8	98.8	98.8	98.8	i
≥ 1200 ≥ 1000			93.1		97.6 97.8	98.3 98.5				99.2			L .	1	99.3	. ,
≥ 900 ≥ 800			93.1	96.2 96.3	97.9 98.0		98.9		99.4	99.5		l .	99.6	1	99.6	
2 700 ≥ 600			93.3		98.1 98.2		99.2			1				99.9	99.9	99.9
≥ 500 ≥ 400			93.3		98.2 98.2	98.9 98.9				99.9		F .		ľ.	100.0	
≥ 300 ≥ 200			93.3	96.5	98.2 98.2	98.9	99.3	99.8	99.9		99.9	130.0	100.0	100.5	100.7	170.7
≥ 106 ≥ 0		i I	91.3												100.7	

TAL NUMBER OF OBSERVATIONS_______516

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLIBAL CLIMATOLOGY BRANCH USAFELTAC ATT AFATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VI5	BILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥11:	≥1.	≥1	≥ ₁	≥`•	≥ :	≥5 16	≥.	≥c
NO CEILING															!	
≥ 18000 ≥ 16000																
≥ !4000 ≥ 12000					i											
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ 5000 ≥ 5000			94.0	95.3	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4500 ≥ 4000				95.6	95.8	95.8	95.9		95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3500 ≥ 3000			96.3	96.8	97.1		97.2	97.2	97.2	97.2	97.2	97.2	97.2		97.2	97.2
≥ 2500 ≥ 2000			98.5	99.0	99.2	99.2		99.4	99.4	99.4	99.4		99.4	59.4		99.4
≥ 1800 ≥ 1500			98.9	99.5				99.9			99.9			99.9	99.9	
≥ 1200 ≥ 1000			98.9	99.5	99.7						99.9					
> 900 ≥ 800			98.9			99.7	99.9	99.9	99.9	99.9	99.9 100.0	99.9	99.9	99.9	99.9	99.9
≥ 700 ≥ 600			99.0								130.3					
≥ 500 ≥ 400			99.5	99.6	99.9	99.9	130.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	170.5
≥ 300 ≥ 200			99.7	99.6	99.9	99.9	100.0	100.0	100.7	100.0	130.0	100.0	100.0	100.0	100.7	100.7
≥ 100 ≥ 0		1	99.0								100.0					

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC TOTAL D-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2320-2520

CEILING							VIS	BILITY ST	ATUTE MILI	ES						
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2 ;	≥ 2	≥1';	≥1.	≥1	≥ :₄	≥ .	≥ :	≥5 16	≥.	≥c
NO CEILING ≥ 20000																-
≥ 18000 ≥ 16000																· · · · · · · · · · · · · · · · · · ·
≥ 14000 ≥ 12000	.,															
≥ 10000 ≥ 9000	•															
≥ 8000 ≥ 7000				Î							İ					
≥ 6000 ≥ 5000			93.5	24.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5
≥ 4500 ≥ 4000			94.3	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.7		95.7	95.7
≥ 3500 ≥ 3000			96.8	97.5	97.7		97.7	97.7	97.8	97.8	97.8	97.8	98.7	98.5	98.0	¢8.7
≥ 2500 ≥ 2000		,	97.8	98.6		98.9	98.9		99.	99.0	99.0	99.C	99.1	99.1	99.1	
≥ 1800 ≥ 1500			98.3	98.9	99.1		99.1	99.1		99.2	99.2	99.2	99.4	99.4	99.	99.4
≥ 1200 ≥ 1000			98.6	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 900 ≥ 800			98.6	99.4	99.6		99.6	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 700 ≥ 600			98.6	99.4	99.6		99.6	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 500 ≥ 400			98.6	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.9	99.7	99.9	99.9
≥ 300 ≥ 200			98.7	99.5	99.7	$\overline{}$	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.7	170.3
≥ 100 ≥ 0			98.7	99.5	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	130.0	100.0	100.0	170.5

OTAL NUMBER OF OBSERVATIONS 7.5

USAF ETAC FORM 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME STATION NAME

<u>73-81</u>

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST	ATUTE MIL	ES						
FEET	≥10	≥ 6	≥ 5	≥4	≥ 3	≥2 7	≥ 2	≥1;	≥1.4	≥1	≥ .	≥ 1.	≥ .	≥ 5 16	≥.	≥c
NO CEILING ≥ 20000															· ·	
≥ 18000 ≥ 16000																i
≥ 14000 ≥ 12000																
> 0000 ≥ 0000 ≤														1		
≥ 8000 ≥ 7000																,
≥ 6000 ≥ 5000			77.0	84.9	89.0	90.2	97.6	91.1	91.6	91.6	91.6	91.8	91.6	91.8	21.8	91.9
≥ 4500 ≥ 4000			77.2	85.4	89.6	90.8	91.2		92.2	92.2	92.2	92.4	92.4		97.4	92.5
≥ 3500 ≥ 3000			1		93.7			96.2 97.4			96.7		,	97.1 98.3	97.0 98.3	
≥ 2500 ≥ 2000			1	97.0				97.6					i -		98.5 98.8	
2 1800 2 1500			81.4 81.4	90.0		96.3 96.4		97.9 98.0					1	1	99.8 99.9	
≥ 1200 ≥ 1000			81.9 81.9			- 1	97.3 97.3	98.5 98.5)	1		1	99.4	99.4 99.4	
≥ 900 ≥ 800			8.13 8.16	90.5 90.5	95.3 95.3	96.8 96.8	97.3 97.3		99.1 99.1				99.4	99.4	99.4	
≥ 700 ≥ 600			81.9	90.6 90.6		96.9 96.9	97.4				99.1 99.1		ł .			99.5
≥ 500 ≥ 400			81.9 81.9			96.9 96.9		98.6 98.6			99.3 99.3		99.6		99.6	
≥ 300 ≥ 200			82.1 82.1	90.8 90.8							99.5				99.9	
≥ 100 ≥ 0			82.5	90.8	95.7	97.1	97.6		99.5	97.5	99.5	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS _______ &O

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATH AEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

191605 LARAGOZA AB SP 73-81 YEARS
PERCENTAGE FREQUENCY OF OCCURRENCE

7922-1172

CEILING							V15	BILITY ST	ATUTE MIL	ES	•					
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2:	≥ 2	≥1:	≥1.	≥≀	≥ .	≥ `•	≥ :	≥ 5 10	≥.	≥ i
NO CEILING ≥ 20000				1								1			•	
≥ 18000 ≥ 16000							1									
≥ 14000 ≥ 12000		!														_
≥ 10000 ≥ 9000														:		
≥ 8000 ≥ 7000														:		
≥ 6000 ≥ 5000		!	52.2	58.9	9 . 3	90.4	97.5	90.8	9c	91.5	91.0	91.0	91.0	91.3	91.7	21.7
≥ 4500 ≥ 4000		· ·	82.4		9 .4	93.8	90.9	91.1		91.4	91.4	91.4	91.4		91.4	93.6
≥ 3500 ≥ 3000		!	85.9	92.9	94.2	94.6	94.7	95.0		95.2	95.2	95.2	95.2	95.2	95.2	25.2
≥ 2500 ≥ 2000			86.5 87.7		95.9	96.8		97.4	97.5		97.7		97.7	97.7	97.7	
≥ 1800 ≥ 1500			87.1		96.8	97.7	97.9	96.3	98.4	98.5 98.9	98.5	98.5	98.5			98.5
≥ 1200 ≥ 1000			87.6 87.6	96.1 96.1				99.1	99.3	99.4	99.4		99.4	99.4	99.4 99.5	
≥ 900 ≥ 800			87.6		97 .7 97 .8		98.9 99.0		99.4	99.6			99.6	99.6		99.5
≥ 700 ≥ 600			£7.6	96.1 96.1		98.6	99.0	99.4	1	99.8		99.8			99.8	99.3
≥ 500 ≥ 400			87.7 87.7		97.9	98.8 98.8	99.1	99.5		99.9	99.9	99.9		99.9		99.0
2 300 ≥ 200			87.7 87.7		,		99.1	99.5	99.6	99.9			99.9	99.9	99.9	99.9
≥ 100 ≥ 0			67.7 87.7		- 1	98.8 98.8	99.1		99.6		_		i		100.1	1

(FROM HOURLY OBSERVATIONS)

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORBICLETE

SL. BAL CLIMATOLOGY PRANCH UTIFETAC AT REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

73-81

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES > 4 ≥2: 2 2 2516 2. ≥c NO CELLING ≥ 20000 ≥ 18000 2:6000 ≥ 14000 ≥ 12000 ≥ 10000 ≥ 7000 ≥ 6000 ≥ 5000 - 4000 ≥ 2500 ≥ 2000 1800 1500 96.7 99.3 99.6 99.91.3.3130.0100.0100.0100.0100.0130.0103.0103.0103. 1200 900 800 700 600 500 99.4 99.4 99.91.0.01.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.01 2 96.7 200

TOTAL NUMBER OF DESERVATIONS...

USAF ETAC 100 00 00-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AT AFATHER SERVICE/MAC

LARAGOLA AB SP

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15.7-17

CEILING							viS	IBILITY ST	ATUTE MIL	E 5						-
FEET !	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.	≥ 2	≥ .	≥1.	≥1	2.	≥ ,	<u>></u>	25 16	٤.	2€
NO CERUNG ≥ 20000		 	+													
≥ 18000 ≥ 18000		:	1										-			
≥ 14000 ± 2000									i							
2 939C 2 930C			! !													
≥ 8000 ≥ 7000					,										•	
2 6000 5000			! 85.0	97.3	67.0	88.	58.7	38.5	68.	58.	38.	38.	58.	F 8 -		35.0
450C 400C		•	8 .4		97.5		9 . 9		97.0	90.8		97.8	95.1		95.1	93.0 95.1
2 2500 2 1000		•	94.0	95.4		95.2		06.3	96.3	95.3	96.3		95.3			95.4
2 2500 2000		•	96.9	97.9			99.1	99.1	99.1			99.1	99.1	99.1	99.1	°9.3
800 500			97.	98.3	99.1	99.4	99.6	99.6	99.6	99.6	79.€	99.5	99.6		+	
2 200 1 1000		·	97.3	98.5	99.4	99.6	99.9	99.9	99.9		99.9			99.9		
900 2 800	·		97.3	98.5	99.4	99.6	99.9	99.9							99.9	
≥ 700 ≥ 600			97.3		99.4	99.6	99.9	99.9		99.9	99.0	99.9	99.9		99.9	
: 500 2 400			97.3			99.6	99.9			99.9				99.0		
± 300 ± 200			97.3		99.4	99.6	99.9		99.9	99.9	99.9	99.9	99.9	99.9	- 7	10.1
. 20			97.3	98.5		99.6		99.9	99.9	99.9		99.9		- '	99.0	

USAF ETAC = 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESIGNETE

ZARAGOZA AIR BASE SPAIN REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERV. (U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTI A. 09 DEC 83 USAFETAC/DS-83/051 SB1-AD-E850 504 F/G 4/2 3/5 AD A138 281 UNCLASSIFIED NL



MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS-1963-A

GLCBAL CLIMATOLOGY BRANCH CONFETAC AIF WEATHER SERVICE/MAC

ZARAGOZA AB SP

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1927-2000

CEILING							VIS	BILITY ST	ATUTE MIL	€5						
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2 ;	≥ 2	≥1'7	≥1 4	≥1	≥ 14	≶.•	≥ ;	≥ 5 16	٤.	≥0
NO CEILING ≥ 20000												!				·
≥ 18000																
≥ 14000 ≥ 12000																-
≥ 10000 ≥ 9000					-											
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			88.6	90.	97.4	9 - 4	97.6	93-6	97.8	97.8	90.8	90.8	97.8	97.5	9n_a	98
≥ 4500 ≥ 4000				91.2		91.9	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3500 ≥ 3000			94.2	95.8	96.4	96.5	96.5		97.~	97.3	97.3		97.7		97.0	97.
≥ 2500 ≥ 2000	:		96.2	97.9		99.0	99.0	99.1	99.6	99.6	99.6	99.6	99.6	99.5	99.5	99.6
≥ 1800 ≥ 1500		-	96.2	97.9			99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200 ≥ 1000			96.2	98.0	99.1	99.4	99.4	99.5	100.7	100.0	100.0	100.0	100.0	100.7	100.5	100.0
≥ 900 ≥ 800			96.2	98 • 0 98 • 0			99.4								100.0	
≥ 700 ≥ 600			96.2	98.0 98.0			99.4				-				100.2 100.2	-
≥ 500 ≥ 400			96.2 96.2	98.0 98.0	99.1		99.4				1	1-			100.0	-
≥ 300 ≥ 200			96.2	98.0 98.0	99.1		99.4				(100.5	
≥ 100 ≥ 0			96.2	98.0	99.1	99.4	99.4	99.5	100.D	100.0	100.0	100.0	100.0	100.0	109.5	100.0

USAF ETAC TOTAL 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORBIGET

GLOPAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

316 JR

LARAGOZA AB SP

73-81

#ON*H

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2122-237

CEILING							VIS	BILITY ST.	ATUTE MIL	E 5						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 :	≥ 2	≥1':	≥1′₄	≥1	≥ ∙₄	≥'•	≥ :	≥ 5 16	≥ .	≥c
NO CEILING ≥ 20000														:		
≥ 18000 ≥ 16000														!		
≥ 14000 ≥ 12000																
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			91.5	92.5	92.9	93. J	93.0	93.2	93.	93.5	93.2	93.0	93.0	93.0	93.0	93.0
≥ 4500 2 4000			92.0		93.4 95.0			93.5 95.1	93.5		93.5				93.5 95.1	
2 3500 2 3000			93.8		95.4					95.6	95.6	95.6	95.6	95.6	95.6	
≥ 2500 ≥ 2000	· · · · ·		96.3	97.5	98.1	98.4	98.4	1	98.4	98.4	98.4		98.4		98.4	99.5
2 1800 2 1500			97.3		99.3			99.5		99.5	99.5	99.5	99.5	99.5	99.5	
≥ 1200 ≥ 1000			1	98.9 98.9			1	99.9			99.9					
≥ 900 ≥ 800	·		97.4	98.9	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9			
≥ 700 ≥ 600			97.4	98.9 98.9	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
≥ 500 ≥ 400				98.9	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9 150.0	99.9
≥ 300 ≥ 200			97.5	99.0	99.6	99.9	100.0	100.0	180.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0			97.5	99.C		99.9	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	C.CO.	100.0

OTAL NUMBER OF OBSERVATIONS ______BD

USAF ETAC TOTAL 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE GREGIET

GLIBAL CLIMATOLOGY BRANCH US AFETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

181505 ZARAGOZA AB SP

200

PERCENTAGE FREQUENCY OF OCCURRENCE

73-81

___A-L-

(FROM HOURLY OBSERVATIONS) VISIBILITY STATUTE MILES CEILING FEET NO CEILING ≥ 20000 ≥ 18000 ≥ 12000 ≥ 10000 ≥ 9000 ≥ 8000 ≥ 7000 ≥ 6000 ≥ 5000 ≥ 4500 ≥ 4000 3500 98-4 98-4 98-4 98-4 98.4, 98.5 ≥ 2500 ≥ 2000 1800 1500 1200 ≥ 1000 97. 4 98. 7 99. 2 99. 3 99. 6 99. 7 99. 8 99. 8 99. 8 99. 8 99. 8 99. 8 99. 8 800 99.4 99.6 99.8 99.8 99.8 99.8 97.5 98.8 99.2 99.8 99.8 99.8 97.5 98.8 99.2 97.5 98.8 99.2 99.4 99.6 99.8 99.8 99.8 99.9 99.9 99.9 99.4 99.6 99.8 99.8 99.8 99.9 99.9 99.9 600 99.4 99.6 99.8 99.8 99.8 500 97.5 98.8 99.2 99.9 97.5 98.8 99.2 99.4

99.5 99.7 99.9 99.9 99.9

97.4 98.9 99.3 99.5 99.7 99.9 99.9 99.9 99.9h.oh.co.oh

TOTAL NUMBER OF COSSEVATIONS _______

<u>99-9100-0100-0100-0100-0</u>

USAF ETAC TOTAL 0-14-5 (OL A) PREVIOUS SOTTIONS OF THIS FORM ARE GROUPT

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

01615 LARAGOZA AB SP

73-A1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	JBILITY -ST	ATUTE MIL	E5						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2 .	≥ 2	≥1';	≥1.	≥1	≥ :₄	≥ '•	≥ ;	≥5 16	≥ .	≥c
NO CEILING ≥ 20000																
≥ 18000 ≥ 16000																
≥ 14000 ≥ 12000												-				
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			96.4	96.8	96.8	96.8	96.8	96.8	96.8	94.9	96.8	96.8	96.8	96.9	96.8	96.
≥ 4500 ≥ 4000			96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.3	96.
≥ 3500 ≥ 3000			97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	95.1	98.1	98.1 98.7	96.2
≥ 2500 ≥ 2000			98.5	98.8	98.5	98.8	98.8	98.8	98.8	96.8	98.8	98.8	98.8	98.8	98.8 99.5	99.
2 1800 2 1500			99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7 99.7	99.
≥ 1200 ≥ 1000			99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.
> 900 ≥ 800			99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		r.c.
≥ 700 ≥ 600			99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.
≥ 500 ≥ 400			99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.
≥ 300 ≥ 200			99.2		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	ייםר.
≥ :00 ≥ 0			99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100

TOTAL NUMBER OF DESERVATIONS

_111

USAF ETAC TOTAL 0-14-5 (OL A) PREVIOUS SETTIONS OF THIS FORM ARE OSSOLET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

ZARAGOZA AB SP

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							vis	BILITY ST	ATUTE MIL	ES						
FEET :	≥10	≥6	≥ 5	≥ 4	≥3	≥2 7	≥ 2	≥17;	≥1.	≥۱	≥ ¼	≥ '•	≥ :	≥5 16	≥ .	≥0
NO CEILING ≥ 20000																
≥ 18000																
≥ 14000 ≥ 12000																
≥ 10000															1	
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			94.7	95.4	95.4	05.4	95.4	95.5	95.5	95.5	95.5	95.5	05.5	95.6	95.4	9 F . 6
≥ 4500 ≥ 4000			94.7	95.4	95.4	95.4	95.4	95.5				95.5	95.5		95.6	95.6
≥ 3500 ≥ 3000			96.9	97.5	97.7	97.7	97.7	97.B	97.8 98.1	97.8 98.1	97.8 98.1	97.8	97.8	97.9		97.9
≥ 2500 ≥ 2000			97.2	97.8	97.9 98.7	97.9	97.9		98.1	98.1	98.1	98.1		98.2	98.2	98.2
≥ 1800 ≥ 1500			97.5	7	98.7		98.7	99.0	99.0	99.0	99.0 99.2	99.0	99.0		99.1	99.1
≥ 1206 ≥ 1000			99.1 98.1	99.3	99.5		99.5	99.7	99.7	99.7	99.7	99.7	99.7		99.9	99.9
≥ 900 ≥ 800			98.1 98.1		99.5			99.7	99.7	99.7	99.7			99.9	99.9 100.0	
2 700 ≥ 600			93.1 98.1	99.1 99.1	99.6		99.6	99.9		99.9	99.9	99.9		100.0		
2 500 ≥ 400			98.1 98.1	1	99.6	99.6	99.6	99.9	99.9	99.9	99.9		99.9	100.0	100.0	105.0
≥ 300 ≥ 200			98.1 99.1	99.1	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.5
≥ 100 ≥ 0			98.1 98.1	99.1	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF DESERVATIONS.....

775

USAF ETAC ILLIA 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE ORBOLETE

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2

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIS WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

61505 CARAGOZA AB SP

73-81

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY ST	ATUTE MILI	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 ;	≥ 2	≥1";	≥1%	≥1	≥ :₄	≥`•	≱ ;	≥ 5 16	≥ .	≥C
NO CEILING ≥ 20000																
≥ 18000 ≥ 16000				1												
≥ 14000 ≥ 12000															1	
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			79.7	89.2	91.9	93.1	94.	94.5	94.5	94.6	94.6	94.6	94.7	94.8	94.8	94.2
≥ 4500 ≥ 4000				89.5	92.3		94.3	94.8	94.8	95.		95.0	95.1	95.2	95.2	95.2
≥ 3500 ≥ 3000			81.5	91.1	93.8	95.0	96.0				96.6 97.6					
≥ 2500 ≥ 2000			82.1	91.7	94.6	96.D	97.4		98.7	98.1		98.1	98.2		98.4	95.4
2 1800 2 1500			8?•2 82•2		94.7	,			- 1		98.4 98.5		98.5 98.6		98.6 98.7	1
≥ 1200 ≥ 1000			82.2		95.0 95.0		[- 1			98.7 98.9		98.9 99.7		99.7 99.1	
≥ 900 ≥ 800			82.2		95.0 95.0				- 1		98.9 99.0		-			
2 700 2 600			82.2	,	95.0 95.0	96.3	- 1			99.3	99.0 99.1	-		99.2	99.2 99.4	
≥ 500 ≥ 400			82.7		95.1 95.2		98.1 98.2			99.2	99.2			99.5 99.6	99.5 99.6	
≥ 300 ≥ 200			82.2		95.2 95.2	- 1	98.2	99.5	99.2	99.4	99.4	99.4		99.6	1	
≥ 100 ≥ 0			82.2 82.2			96.6 96.6					99.4			99.6		

TOTAL NUMBER OF OBSERVATIONS_

794

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS SOMEONS OF THIS PORM ARE OSSOURT

SUCBAL CLIMATOLOGY BRANCH JOAFETAC ATT AEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

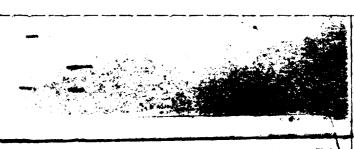
ZARAGOZA AB SP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY ST	ATUTE MIL	£5:						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1.,	≥1.	≥1	≥	≥:•	≱ ;	≥5 16	≥.	≥0
NO CEILING ≥ 20000																
≥ 18000 ≥ 16000																
≥ 14000 ≥ 12000								-								
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			85.3	90.5	91.9	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6
≥ 4500 ≥ 4000			86.1		92.6	93.1					93.2		93.2	93.4		
≥ 3500 ≥ 3000			87.7 88.1	92.1	93.6	94.4	95.D	95.0	95.7	95.0 96.6	95.0 96.6	95.2	95.0	95.1	95.1 96.7	95.1 96.7
≥ 2500 ≥ 2000		-	88.6	94.0	95.5	96.7				97.9		97.9				96.3 98.7
≥ 1800 ≥ 1500			88.88	94.4	96.0	97.4	98.6	98.6	98.6	98.6	98.6 98.7	98.6	98.6	98.7	98.7	96.7
≥ 1200 ≥ 1000			8 9 . 1 8 9 . 1	94.6	96.2		98.9	98.9	98.9	98.9	98.9	98.9	98.9		99.0 99.1	99.1
≥ 900 ≥ 800			89.1	94.7	96.4	97.7	99.0	99.3	99.7	99.0	99.7	99.0	99.0		99.1	99.1
≥ 700 ≥ 600			89.1	94.7	96.4	97.7 97.7		99.J	99.7	99.3	99.0	99.C	99.0	99.1	99.1	99.1
≥ 500 ≥ 400			89.1	95.1 95.1	96.7	98.1 98.1	99.6	99.6		99.6	99.6	99.6	99.6		99.7	99.7
≥ 300 ≥ 200			89.1 89.1	95.1	96.7	98.1	99.6	99.6		99.7	99.7	99.7	99.7	99.9	99.9	170.7
≥ 100 ≥ 0			89.1	95.1			99.6			99.7	99.7		99.7		- 1	

OTAL NUMBER OF OBSERVATIONS......

USAF ETAC 101.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORBOLETE



GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1916_5 LARAGOZA AB SP

73-81

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1202-1400

CEILING							VIS	BILITY ST.	ATUTE MIL	ES						,
FEE1	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 ;	≥ 2	≥11;	≥11.	≥1	≥ :₄	≥`,	≥ ;	≥ 5 16	2.	≥0
NO CEILING ≥ 20000				-												
≥ 18000 ≥ 16000														1		
≥ 14000 ≥ 12000																
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			91.3	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	03.5	93.5	93.5
≥ 4500 ≥ 4000				93.7	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.7
≥ 3500 ≥ 3000			93.1	95.1	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7 97.5	95.7	95.7
≥ 2500 ≥ 2000			95.0 95.2	97.2	97.6	97.9	98.0	98.0	98.7	98.0	98.0	98.0	98.0	98.7 98.5	98.0	90.3
≥ 1800 ≥ 1500			95.2	97.6	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6 98.9	98.5	98.6
≥ 1200 ≥ 1000			95.5	97.9	98.2	98.6	98.9	99.0	99.	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900 ≥ 800			95.7		98.7		99.4		-		99.6	-	1	99.6		
≥ 700 ≥ 600			95.7 95.8	98.2	98.9	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500 ≥ 400				98.4		99.5 99.5								100.0		
≥ 300 ≥ 200				98.4	99.C		99.7	99.9	99.9	198.0	130.0	100.0	200.0	100.0	100.0	100.0
≥ 100 ≥ 0			95.8	98.4	99.0	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

795

USAF ETAC 101 04 0-14-5 (OL A) PREVIOUS SPITIONS OF THIS FORM ARE OBSOLETE

GLCBAL CLIMATOLOGY SRANCH USAFETAC AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1507-177

CEILING							VIS	BILITY ST	ATUTE MIL	ES.						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 ,	≥ 2	≥1',	≥1.	≥1	≥ 4	≥`.	≥ :	≥5 16	≥ .	≥0
NO CEILING ≥ 20000																
≥ 18000 ≥ 16000											l					
≥ 14000 ≥ 12000														1		
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			82.7	89.2	89.2	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4500 ≥ 4000			97.1	90 • 5 95 • 0	90.5	9. • 5 95 • D	97.5	95.7	9^.7 95.2	95.7 95.2	90.7 95.2	90.7 95.2	9^.7 95.2	93.7	97.7 95.2	90.7 95.2
≥ 3500 ≥ 3000			94.9 96.1	95.9 97.1	96.0	96.0	96.J	96.2	96.2 97.5	96.2	96.2 97.5	96.2 97.5	96 • 2 97 • 5	96.2 97.5	96.2 97.5	96.2 97.5
≥ 2500 ≥ 2000			97.1	98 • 1 98 • 1	98.2	98.2 98.2	98.2	98.5 98.5	98.5	98.5	98.5 96.5	98.5 98.5	98.5	98.5	98.5 98.5	98.5 95.5
≥ 1800 2 1500			97.2	98 • 2 98 • 7	98.4	98.4 99.0	98.4	98.7 99.4	98.7	98.7	98.7	98.7	98.7	98.7 99.4	98.7 99.4	98.7 99.4
≥ 1200 ≥ 1000			97.9	98.9	99.1	99.1	99.1	99.5 99.7	99.5	99.5	99.5 99.7	99.5 99.7	99.5 99.7	99.5	99.5 99.7	99.5 99.7
≥ 900 ≥ 800			99.0	99.1 99.1	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7 99.9
≥ 700 ≥ 600			98.7	99.1	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9 99.9
≥ 500 ≥ 400			98.3	99.1	99.5	99.5	99.5	100.0	100.0	130.0	100.0 100.0	100.0	100.0	100.0	100.7	100.0 100.0
≥ 300 ≥ 200			98.1	99.1	99.5	99.5	99.5	100.0	100.0	100.0 100.0	100.0	190.0	100.0	100.0	130.0 100.0	100.0
≥ 100 ≥ 0			98.3	99.1	99.5	99.5	99.5	100.0			100.0				100.0	- I

USAF ETAC TOTAL 0-14-5 (OL A) PREVIOUS SOTTONS OF THIS FORM ARE CHROLETE

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIO JEATHER SERVICE/MAC

ZARASOZA AB SP

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1630-3500

CEILING							VIS	IBILITY ST.	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2 7	≥ ?	≥1′2	≥11's	≥1	≥:•	≥`•	≥ 2	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000																
≥ 18000 ≥ 16000												· · · · ·				
≥ 14000 ≥ 12000																
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			80.6	90.6	9~.7	90.9	97.9	91.3	91.5	91.0	91.0	91.7	91.7	91	91.5	91.7
≥ 4500 ≥ 4000			91.0	92.0	92.1		92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	02.4
≥ 3500 ≥ 5500			95.7	97.Q	97.2	97.5	97.5	97.6	97.6	97.6	97.6 98.9	97.6	97.6	97.6	97.6	97.6
≥ 2500 ≥ 2000		\ - -	97.5	98.7	99.0	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800 ≥ 1500			97.7		79.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
≥ 1200 ≥ 1000			97.7		99.2	99.5		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
≥ 900 ≥ 800			97.7		99.2	99.5		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	1
≥ 700 ≥ 600			97.9		99.4		99.6		99.9	-	99.9		99.9		99.9	
≥ 500 ≥ 400			97.9	99.1	99.5		99.7	100.0	100.0	100.0	100.0	100.0	100.0	200.0	103.7	170.0
≥ 300 ≥ 200			97.9			99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.7	100.0	100.0
≥ 100 ≥ 0					99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

USAF ETAC 101 64 0-14-5 (OL A) PET-HOUS EDITIONS OF THE COM ARE OSSOLETE

Established .

GLOBAL CLIMATOLOGY BRANCH USAFETAC A19 WEATHER SERVICE/MAG

ARAGOZA AB SP

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES FEET ; ≥ 5 16 ≥ 5 > 4 2 4 1 2 4 کز NO CEILING ≥ 20000 ≥ 18000 ≥ 16000 ≥ 14000 ≥ 12000 ≥ 10000 ≥ 9000 ≥ 8000 ≥ 7000 ≥ 6000 ≥ 5000 ≥ 4500 ± 4000 ≥ 3500 ≥ 3000 1500 1200 1000 2 900 93.5 600 ≥ 400 99.5 300 98.5 98.5

USAF ETAC FORM 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE ORBOLETE

SLIBAL CLIMATOLOGY BRANCH LCAFETAC AJS REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

LARAGOZA AB SP PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY ST.	ATUTE MIL	E S						
· FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥?	≥1:	≥1.	ا≤	≥ •	٤.	≥ .	≥5 16	≥.	≥;
NO CEIUNG ≥ 20000																
≥ 18000 ≥ 18000																
≥ 14000 ≥ 12000					i						•					
≥ 10000 ≥ 9000										1						
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			87.9	92.3	92.9	93.1	93.2	93.3	93.3	93.4	97.4	93.4	93 .4	93.4	93.4	93.4
2 4500 2 4000			9 .5	92.9	93.5	93.7	93.9	94.	94.	94.3	94.0	94.0	94.7	94.1	94.1	94.1
2 3500 2 3900		!	1	5.5 96.5			1				1		1	96.9		
2 2500 2 2000			94.2	- 1	97.6 97.9		98.3 98.8		98.5 99.	98.5 99.5				98.6		96.6 99.1
2 1800 2 1500		i	1 - 1	97.Z 97.4			_	99.0 99.2						99.1		
± 1200 ± 1000			94.7		98.3 98.4			99.4		,		_		99.5		
> 900 ≥ 800			94.8						99.5	,	99.6 99.6			99.6		
2 700 2 600			94.8 94.8		98.5 98.5		99.4		i		99.7 99.7	-	99.7	99.7 99.8	99.9	99.9
.: 500 ≥ 400			94.9	97.8	98.6 98.6	99.1		99.8	99.8		99.9		99.9	99.9	99.9	170.
2 300 2 200			94.8	97.8	98.6 98.6	99.1	99.5 99.5	99.8	99.8		99.9	99.9	99.9	99.9	99.9	110.7
> 100 2 0			94.8	97 • 8 97 • 8	93.6 98.6						1		•	99.9		

TOTAL NUMBER OF OBSERVATIONS.

USAF ETAC 10164 D-14-5 (OL A) PREVIOUS EDITIONS OF THIS FO

SLOPAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2 ;	≥ 2	≥1;	≥1.	۱≲	≥ 4	≥ .	≥ :	, ≥5 16	2.	5 ئ≤
NO CEILING ≥ 20000																
≥ 18000 ≥ 16000					i					!					1	
≥ 14000 ≥ 12000								1							,	
≥ 1000C ≥ 900C													1			
≥ 8000 ≥ 7000													:			
≥ 6000 ≥ 5000			99.5	99.0	99.	99.0	99.7	99.	99.7	99.	99.5	93.	99.7	9.	99.7	co. ^
≥ 4500 ≥ 4000			99.5	99.5				1	1	1	1	99.5		1	99.5	99.5
≥ 3500 ≥ 3000			99.9	99.9				99.9					99.9	99.9	99.9	
≥ 2500 ≥ 2000			100.0	100.0	100.0	100.0	130.0	100.0	107.	100.0	100.0	100.0	100.7	100.0	100.0	
≥ 1800 ≥ 1500			ם.כם:	100.0	100.0	100.0	100.0	100.0	100.7	170.0	130.7	100.0	130.0	103.0	100.0	
± 1200 ≥ 1000			100.0	100.0	100-0	100.0	100.0	100.0	100.7	100.0	100.0	130.0	100.0	100.0	100.0	100.5
≥ 900 ≥ 800			1 1					100.0	_	1-	1	1 -		1-	160.0	100.0 120.2
≥ 700 ≥ 600			1 1	_	1			100.0	1	1 -	i .		1	-	100.7	100.0
± 500 ≥ 400								100.0							100.1	170.7
± 300 ≥ 200			1)			i			l .		ſ	ſ	ſ	(107.1	
> \ 3 6 ≥ 0			, ,		1			100.0		_	į.	:	1		100.00	170.7

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 1000 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR *EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

SIEUS LARAGOZA AB SP

73-61

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2302-2500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥17	≥1.4	≥١	≥ :•	≥ `•	≥ ;	≥ 5 16	≥.	≥0
NO CEILING ≥ 20000												i				,————
≥ 18000 ≥ 16000							•									
≥ 14000 ≥ 12000							-									
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000							_									
≥ 6000 ≥ 5000			99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.5	99.6	99.6
≥ 4500 ≥ 4000			99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	09.6
≥ 3500 ≥ 3000			100.0	100.0	100.0	100.0	100.0	100.0	160.7	100.0	130.0	100.0	100.0	100.0	100.0	170.7
≥ 2500 ≥ 2000			100.0	190.0	100.0	100.0	100.0	100.0	107.7	100.0	100.0	100.3	100.0	100.0	100.7	100.0
≥ 1800 ≥ 1500			107.0	130.0	100.0	100.0	130.0	100.0	100.0	170.0	120.0	100.0	100.0	100.0	100.7 100.0	170.7
≥ 1200 ≥ 1000			:00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.7 107.7	ר.םרו
≥ 900 ≥ 800			100.0	100.0	100.0	100.0	130.0	100.C	100.7	100.0	100.0	100.0	100.0	103.0	100.0	170.7
≥ 700 ≥ 600															100.0	
≥ 500 ≥ 400			100.0	130.0	100.0	100.0	100.0	170.0	100.7	100.0	100.0	100.0	100.0	100.0	100.7	100.0
2 300 2 200															100.0	
5 106 2 0			107.0	170.0	100.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.1	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 100 0-14-5 (OL A) REVIOUS EDITIONS OF THIS FORM ARE ORBOLETE

GLIBAL CLIMATOLOGY BRANCH LEAFETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

حدمج-جيج

CEIUNG	VISIBILITY STATUTE MILES															
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2 ;	≥ 2	≥11:	ء ا≲	≥1	2 4	≥`•	≥ :	≥ 5 16	≥.	≥c
NO CEILING ≥ 70000													1			
≥ 18000 ≥ 16000													1			
≥ 14000 ≥ 12000														1		
≥ 10000 ! ≥ 9000														1		:
≥ 8000 ≥ 7000																· · · · · · · · · · · · · · · · · · ·
≥ 6000 ≥ 5000			93.6	96.7	97.6	97.9	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	99.4	98.4
≥ 4500 ≥ 4000			91.1	97.2			98.7	,	98.9	95.9	98.9	98.9		1		98.9
≥ 3500 ≥ 3000			91.6	97.7	98.5	1	(99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500 ≥ 2000			91.6				99.1	99.3	99.4	99.4	99.4		99.4	99.4		99.4
: 1800 ≥ 1500			91.7	97.8	98.8	99.1	99.4	99.5	99.6	99.6		99.6			99.6	99.6
≥ 1200 ≥ 1000			91.7)			1		_		99.9	99.9	99.9
≥ 900 ≥ 800			91.8	98.2	99.1	99.5	99.8	99.9				[100.5)	
≥ 700 ≥ 600			91.8	98.2	99.1	99.5							}	100.0		
≥ 500 ≥ 400			91.8	98.2	99.1			99.9	100.7	100.0	100.0	100.0	100.0	100.0	100.0	170.0
≥ 300 ≥ 200			91.8	98.2	99.1	99.5	99.8	(J				100.0		
> 100 2 0			91.9	98.2	99.1	99.5	ſ	,		-		1	1	100.3	l.	170.0 100.0

TAI MUMBER OF OPERSYATIONS 81

USAF ETAC 101 ME 0-14-5 (OL A) MEMOUS EDITIONS OF THIS FORM ARE ORSCIET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES FEET , ≥5 16 ≥'• i ≥ : ≥10 ≥ه ≥ 5 ≥11: ≥1. ٥≤ ≥ 20000 ≥ 18000 ≥ 16000 ≥ !4000 ≥ 9000 ≥ 8000 ≥ 7000 ≥ 6000 ≥ 5000 ≥ 4500 ≥ 4000 3500 ≥ 2500 ≥ 2000 ≥ !800 ≥ !500 99.8 99.8 99.8 99.8 94.5 98.8 99.6 100.0 100. 1200 1000 600 500 400 94.5 98.8 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 300 94.5| 98.6| 99.6|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|

TOTAL NUMBER OF DESERVATIONS 819

USAF ETAC 101 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCUET

SETPAL CEIMATOLOGY BRANCH US AFETAC AIF REATHER SERVICE/MAC

ARAGOZA AB SP

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1220-140

CEILING, FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥ 5	≥ 4	≥ 3	≥7:	≥ 2	≥1:	≥1.	21	≥ .	≥ `•	≥ :	≥ 5 16	. ≥ .	≥ 0
NO CEILING ≥ 20000								 				 				
≥ 18000 ≥ 18000					!					ŀ		:				
≥ 14000 ≥ 12000						i			i							
≥ 10000 ≥ 9000															i	·
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			97.8	98.7	08.0	08.0	99.9	98.9	98.0	98.9	98.9	98.9	08.0	C 8 . O	08.0	98.9
≥ 4500 ≥ 4000			98.3	99.3	99.5	1	99.5		99.5		99.5	99.5		99.5		99.5
≥ 3500 ≥ 3000			98.7	99.6	99.9	1		99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500 ≥ 2000			98.8			100.0	100.0	170.0	100.0	100.0	100.0	100.0	150.0	100.0	100.7	170.0
2 1800 2 1500			98.8	99.8	100.0	100.0	100.0	100.0	137.0	100.3	100.0	100.0	100.0	100.0	100.5	100.0
≥ 1200 ≥ 1000			93.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800			99.8			100.0										
≥ 700 ≥ 600			98.8 98.8			100.0										
≥ 500 ≥ 400			99.8		1	100.0				_				-	1 -	
2 300 ≥ 200			98.8 98.8	99.8	1 .0 . 0	100.0	130.0	100.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	-		98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.5	100.7	100.0

USAF ETAC 101.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRIPT

GLIPAL CLIMATOLOGY BRANCH USAFETAC Al- REATHER SERVICE/MAC

625 ZARAGOZA AB SP

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1539-1770

CEILING	VISIBILITY STATUTE MILES															
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1:	≥1.	≥1		≥ .	≥ :	≥ 5 16	2.	≥0
NO CEILING ≥ 20000						• i				 						
≥ 18000						i				1				!		
≥ 14000 ≥ 12000				·—·		1		1								
≥ 10000 ≥ 9000					i	:				i	[: 				
≥ 8000 ≥ 7000]	
≥ 6000 ≥ 5000			96.6	97.	97.0	97.3	97.	97.0	97.	97.7	97.0	97.0	97.0	97.5	97.0	97.7
≥ 4500 ≥ 4000			97.9			98.3 99.0					98.3				98.7 99.7	
≥ 3500 ≥ 3000			99.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2500 ≥ 2000			99.4	99.9	103.0	130.0	130.0	170.0	100.	ם.םרו	100.5	100.0	100.0	100.0	100.7	170.5
≥ 1800 ≥ 1500			99.4	99.9	100.0	100.0	138.0	100.0	107.0	100.C	100.5	190.0	130.7	100.0	100.0	170.7
≥ 1200 ≥ 1000	,		99.4	99.9	100.0	100.0	100.0	100.0	100.	100.0	100.0	100.C	100.0	100.0	100.7	מ•םרו
≥ 900 ≥ 800			99.4	99.9	100.0	100.0	100.0	100.0	107.0	170.0	100.0	100.0	130.0	100.0	107.0	100.0
≥ 700 ≥ 600			99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	130.0	100.0	100.0	100.0	107.0	100.0
≥ 500 ≥ 400			99.4	99.9	100.0	100.0	100.0	100.0	107.0	170.0	100.0	100.0	100.0	100.0	100.7	100.0
≥ 300 ≥ 200			99.4	99.9	100.0	100.0	100.0	100.0	130.0	270.0	100.0	100.0	200.0	100.0	100.7	100.0
≥ 100 ≥ 0			99.4	99.9	100.0	100.0	100.0	100.0	100.7	100.0	100.0	100.0	100.0	100.0	100.0	170.0

POTAL MUMBER OF CREENIATIONS 87

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS SOUTIONS OF THIS FORM ARE OBSOLET

GLEAL CLIMATOLOGY BRANCH USAFETAC AIR AEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

ZARAGOZA AB SP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1207-2000

CEILING							VIS	IBILITY ST	ATUTE MIL	E5						
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2 7	≥ 2	≥11;	≥114	≥1	≥ ₄	≥ `•	: ≥ :	≥5 16	≥.	≥¢
NO CEILING ≥ 20000																
≥ 18000 ≥ 16000]			j j		:
≥ 14000 ≥ 12000	1															
≥ 10000 ≥ 9000														1	1	:
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			95.4	95.7	95.8	95.9	95.9	95.0	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4500 ≥ 4000	1		96.7			97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5		97.5	97.5
≥ 3500 ≥ 3000	1		98.5				99.4		99.4	99.4	99.4 100.0	99.4	99.4	99.4	99.4	99.4
≥ 2500 ≥ 2000	1		98.6	99.3	99.6		99.8		99.9	170.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800 ≥ 1500	:		98.6	99.3	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.	100.0	100.0	100.7	100.0
≥ 1200 ≥ 1000	i i		98.6	99.3	99.6	• •		99.8	99.0		100.0					
≥ 900 ≥ 800			98.6		99.6	99.8	99.8	99.8	99.9	170.0	130.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600			98.6	99.3	99.6	99.8	99.8	99.8	99.9	170.0	100.0	170.0	100.0	100.7	100.3	170.0
≥ 500 ≥ 400			98.6	99.3	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	170.3
≥ 300 ≥ 200			98.6	99.3	99.6		99.8		99.9	100.0	100.0	100.0	100.0	100.0	100.3	100.7
≥ 100 ≥ 0			93.6	99.3		99.8	99.8	99.8	99.9	170.0	100.0	100.0	100.0	100.C	100.0	100.0

TOTAL NUMBER OF ORSERVATIONS

USAF ETAC 100 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES ≥10 ۵≤ ≥: | ≥5 16 | ≥. ≥1. NO CEILING > 18000 ≥ '4000 ≥ 12000 ≥ 10000 ≥ 9000 > 8000 ≥ 6000 ≥ 5000 ≥ 4500 ≥ 4000 3500 ≥ 3500 ≥ 3000 ≥ 2500 ≥ 2000 ≥ 1800 ≥ 1500 ≥ 1200 ≥ 1000 ≥ 900 ≥ 800 700 600 500 99.0

TOTAL NUMBER OF OBSERVATIONS_______

USAF ETAC 101 M 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIS MEATHER SERVICE/MAG

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILLITY ST	ATUTE MIL	ES						
FEET	≥10	≥ 6	≥ 5	≥ 4	≥3	≥2:	≥ 2	≥17;	≥1.	۱≤	≥ .	≥`•	, ≥ :	≥ 5 16	≥ .	≥c
NO CEILING ≥ 20000													:	1		
≥ 18000 ≥ 16000													:			
≥ 14000 ≥ 12000													į	1		
≥ 10000 ≥ 9000													1	1		
≥ 8000 ≥ 7000																-
≥ 6000 ≥ 5000			95.0	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.R	97.R	97.8
≥ 4500 ≥ 4000			96.7	98.2		98.6	98.6	98.7	98.7	98.7		98.7	98.7	98.7	98.7	98.7
≥ 3500 ≥ 3000			97.5	99.1		99.5		99.6				99.6	99.6	99.6	99.6	99.5
≥ 2500 ≥ 2000			97.7	99.3		99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800 ≥ 1500			97.7			99.8			99.9				1	-		
≥ 1200 ≥ 1000			97.7		99.7			99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	120.0
≥ 900 ≥ 800			97.8	99.4	99.8	1 1			137.0							
≥ 700 ≥ 600			97.8	99.4	99.8		99.9	99.9	100.7	100.0	100.0	100.0	100.0	100.0	100.7	100.0
≥ 500 ≥ 400			97.8	99.4	99.8	99.9	99.9	99.9	100.0	190.0	100.5	100.C	100.0	100.0	ר.יים ב	170.0
≥ 300 ≥ 200			97.8	99.4	99.8		99.9	99.9	150.	190.0	100.0	170.0	100.7	10.0	100.0	176.7
≥ 100 ≥ 0	······································			99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	120.3	100.7	170.7

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF T

GLEBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

JARAGOZA AB SP

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES ≥ 5 > 3 ≥2: ≥ ⊦ 25 16 ≥10 ۸ < NO CEILING ≥ 20000 ≥ 18000 ≥ 14000 > 12000 ≥ 10000 ≥ 9000 8000 ≥ 8000 ≥ 7000 ≥ 6000 ≥ 5000 4500 3500 > 3000 ≥ 2500 ≥ 2000 ≥ 1200 ≥ 1000 900 800 700 500 300 200

73-81

TOTAL NUMBER OF OBSERVATIONS ______B

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS PORM ARE ORDICATE

GLIBAL CLIMATOLOGY BRANCH USAFETAC ATT AEATHER SERVICE/MAC

TARAGOZA AB SP

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1322-2500

CEILING							vis	IBILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 ;	≥ 2	≥1;	≥1.	_ ≥1	≥ .	≥ .•	: ≥ :	≥ 5 16	≥ .	≥c
NO CEILING ≥ 20000													• — — — — — — — — — — — — — — — — — — —			
≥ 18000										i						
≥ 14000 ≥ 12000									<u>. </u>				:			
≥ 10000 ≥ 9000									1				!	1		
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			97.9	98.5	98.5	98.5	99.7	98.7	98.7	98.7	98.7	95.7	98.7	98.7	93.7	98.7
≥ 4500 ≥ 4000			97.9	98.5	1	98.5 98.9				98.7	1	98.7	98.7	98.7	98.7	0 ± . 7 9 9 . ↑
≥ 3500 ≥ 3000			99.4	99.0			99.2		99.2	+	1 .					99.2
≥ 2500 ≥ 2000			98.7	99.3	1		99.5	, , , , ,				99.5			99.5	99.F
≥ 1800 ≥ 1500			99.1				99.9 100.0		99.9		99.9		99.9	4	99.9	- 1
≥ 1200 ≥ 1000			99.2		1						100.0	}-	,	J-	r i	_
≥ 900 ≥ 800			99.2	99.8	1						100.0					
≥ 700 ≥ 600			99.2		1						100.0				-	
≥ 500 ≥ 400			99.2		1						100.0					
≥ 300 ≥ 200			99.2		7			,]-	<u>, </u>	100.0	1-				-
≥ 100 ≥ 0		1	99.2		1						100.9					

USAF ETAC 1084 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

SLOBAL CLIMATOLOGY BRANCH USAFETAC ATP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION TARACOLA AB SP

73-81

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

500-160

CEILING							VIS	BILITY ST	ATUTE MILI	ES			-			
FEET	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2.	≥ 2	≥ı:	≥1.	≥1	2 .	≥ •	<u> </u>	≥5 16	> •	≥ č
NO CEILING ≥ 20000				:	1			1			•				•	
≥ 18000					•	· • • • • • • • • • • • • • • • • • • •									•	
≥ 14000 ≥ 12000			• •			-		- +								
20000 ≤			1						1							
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			. 83.A	92.1	94.2	95.1	95.3	05.4	95.4	95.4	95.4	95.4	95.4	95.4	25.4	95.4
≥ 4500 ≥ 4000			83.2	92.2		95.2	95.4				95.5		95.5	95.5	95.5	95.5
≥ 3500 ≥ 3000			85.7 85.4	94.5	96.5				97.7	97.7 98.2		97.7	97.7			97.
≥ 2500 ≥ 2000		·	86.3	95.1 95.8	97.5	98.3	98.6		98.7 99.6	98.7 99.6	98.7 99.5	98.7				
≥ 1800 ≥ 1500			85.4		98.3	99.4		09.8	99.3	99.8			99.8 99.9		99.8	99.9
≥ 1200 ≥ 1000			86.5	96.0		99.4	99.8		99.9	99.9	99.9	99.9	99.9	1 .	- 1	99.5
≥ 900 ≥ 800			86.5	96.0 96.0		99.4	99.8	99.9		99.9		99.9	99.9	1 1	99.9	09.9
2 706 ≥ 600			86.5	96.U	98.4	99.4	99.8	99.9	99.9	99.9	99.9 99.9	99.9	99.9		99.9	99.9
≥ 500 ≥ 400			86.5	96.0	98.4	99.4	99.8 99.8		99.9	99.9	99.9	99.9	99.9	99.9	99.9	09.0
≥ 300 ≥ 200			86.5 86.5	96.0 96.0	98.4 98.4	99.4	99.8 99.8		99.9	99.9	99.9	99.9	99.9		99.9	99.9
2 100 2 0			86.5	96.0 96.1		99.4	99.8			99.9		99.9		99.9		99.9

TAL NUMBER OF OBSERVATIONS ________

USAF ETAC 101 64 0-34-5 (OL A) PREVIOUS SPITIONS OF THIS FORM ARE DESCRETE

GLIBAL CLIMATOLOGY BRANCH LIBERTAC AIR WEATHER SERVICE/MAC

ARAGOZA AB SP

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY ST	ATUTE MIL	E5						
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2:	≥ 2	≥: :	≥1.	≥1	٤.	≥.•	. ≥ .	, ≥5 16	≥.	≥د
NO ∈EILING ≥ 20000										:					· · · · · · · · · · · · · · · · · · ·	
≥ 18000 ≥ 18000														!		
≥ 14000 ≥ 12000														:	·	
≥ 10000 ≥ 9000			i								:		!	:		
≥ 8000 ≥ 7000											1					
≥ 6000 ≥ 5000			65-1	93.4	94.8	24.9	95.	95.2	05.2	95.2	25.7	05.1	. C.E. 1	05.7	95.7	CF .
≥ 4500 ≥ 4000			85.7	93.5	94.0		95.2	95.3		95.3				95.4		95.4
2 3500 2 3000			86.7	95.3	96.7	76.9	97.0	97.1	97.1		97.2		97.2	97.2	97.2	97.7
≥ 2500 ≥ 2000	-		88.4	97.2	98.9	99.0	99.2	99.3	99.3		99.4	99.4	99.4	99.4		99.4 99.4
≥ 1800 ≥ 1500				97.5	99.2	99.4	99.5	99.6	99.6		39.8	99.8	90.8	99.8		
2 1200 ≥ 1000				97.7	99.4	99.6	99.8	99.9	99.9	99.9	1	100.0	120.5		100.0	100.0
> 900 ≥ 800				97.7	99.4	99.6	99.8	99.9	99.9	99.9	120.0				107.0	
≥ 700 ≥ 600			89.6	97.7	99.4	99.6	99.8	99.9	99.9	99.9		170.3	100.0	100.0		176.0
≥ 500 ≥ 400			88.6	97.7	99.4	99.6	99.8	99.9	99.9	99.9		100.0	130.0	100.0	100.0	170.0 170.0
≥ 300 ≥ 200	· · · · · · · · · · · · · · · · · · ·		88.6		99.4	99.6	99.8	99.9	99.9	99.9	(100.0	100.0	100.0	ר.מכו מ.מפו	170.3
≥ 13C ≥ 0			89.6	97.7		99.6		99.9	99.9	99.9	100.0	100.0		T	107.0	100.0

USAF ETAC 1084 0-14-5 (OL.A) retvious fortions of this form are obsolet

SEESAL CLIMATOLOGY BRANCH US MESTAC ALL WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

73-61

(En:NG							VIS	BILITY ST.	ATUTE MIL	ES						
I FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1:	≥1.		2.	≥ .	2	≥ 5 ' 6	2.	<u>۽</u>
NO CEILING ≥ 20000																
≥ 18000 ≥ 16000	·															
≥ 14000 ≥ 12000						i										
≥ 1000C ≥ 900C										-					-	
≥ 8000 ≥ 7000																
2 6000 2 5000			95.7	77.3	97.6	97.6	97.6	97.6	97.6	97.5	97.6	97.5	97.5	97.6	97.5	°7.6
≥ 4500 ≥ 4000				37.7	97.9		97.9		97.0	97.9	97.5	97.9	97.9		97.9 23.4	3 7. 7 1ۥ4
2 3500 2 3000			96.3		98.7	98.7 99.6		98 • 7 99 • 6					99.7	98.7 99.8	99.7	74.7
≥ 2500 ≥ 2000			97.8 97.9		99.8		-	99.9 99.9		99.9			130.0 130.0	195.9		11
2 1800 2 1500			97.8 97.8		99.8		99.9 9 9. 9	99.9		99.9			100.01 100.01	170.7 170.7	107.7 107.7	
≥ 1200 ≥ 1000		1	97.8 97.8				99.9		99.9 99.9	99.9	1	179.5 179.7	,	100.0 100.5	100.0	170.3
2 900 2 800			1 :	99.4 99.4	ł	1			99.9		99.9	170.0 100.0		10 5. 2	190.7	170.3 175.5
2 700 2 600			97.8 97.8		99.8 99.8	(-1			99.9			100.0	137.0	100.0	107.7 100.5	176.7
± 500 ≥ 400			97.8 97.8	99.4 99.4		99.8			99.9	,			127.0			170.7
≥ 300 ≥ 200			97.8	99.4	99.8	99.8	99.9	99.9	99.9		99.9		132.5	100.0	220.0	170.7
> 190 2 C				99.4		99.8						1	130.0	-		

TOTAL NUMBER OF DESERVATIONS _______823

USAF ETAC 0-14-5 (OL A) regions cortinus or this follow and obsour

SE SAL CLIMATOLOGY BRANCH UTIFETAC AT REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15:0-1700

CEILING							viS	SIBILITY ST	ATUTE MIL	ES			<u> </u>			
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥::	≥1.	. ≥1	≥.	≥ `•	. ≥ ;	25 10	ž .	≥0
NO CEILING ≥ 20000		i						 						i I		
≥ 18000 ≥ 16000								1								
≥ 14000 ≥ 12000								l I						!		
≥ 10000 ≥ 9000															:	
≥ 8000 ≥ 7000					1			1								- -
≥ 6000 ≥ 5000			95.1	96.7	96.1	96.1	36 1	96.1	96.1	96.1	06 1	04.1	94.1	. 96.1	36 1	96 1
≥ 4500 ≥ 4000			96.4		96.7	95.7	96.7	96.7	96.7	96.7	96.7	96.7		96.7	96.7	
2 3500 2 3000			99.3		99.2	99.2	99.2	99.2	99.7	99.2	99.2	59.2	99.2		99.7	99.2
2 2500 2 2000			99.2	79.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 1800 ≥ 1500			99.7	99.8	100.0	100.0	107.0	100.0	107.5	100.0	100.0	100.0	100.0	170.2	100.0	100.0
2 1200 ≥ 1000			99.7			100.0				-				Г		
2 900 2 800			99.2		100.0	100.0	100.0	100.0	130.0	100.0	130.0	105.0	137.0	130.0	100.7	175.7
≥ 700 ≥ 60 0			99.2	99.8	, - ,	120.2 120.0										
≥ 500 ≥ 400			99.2	99.8	1.0.0	100.0	100.0	100.3	100.0	120.0	100.0	100.0	100.0	100.0	100.0	170.7
≥ 300 ≥ 200			99.2 99.2			100.0										
.≱ +30 .≥ 0		1	99.7			100.0										

TOTAL NUMBER OF OBSERVATIONS ______ 25

USAF ETAC 2104 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

.

GLIBAL CLIMATOLOGY BRANCH GLAFETAC ATE LEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1877-7770

CEIDING							VIS	IBILITY ST	ATUTE MIL	E5						
FEET	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2.	≥ ?	2 1 :	≥1.	≥1	≥ .	≥`•	. ≥:	, ≥5 '6	≥.	≥c
NO CEILING . ≥ 20000	-		+		,									:		
≥ 18000												-		:	 -	
≥ 14000 ≥ 12000			•						i						!	
≥ 10000 ≥ 9000			••								-	·		 		
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			G	94 - 1	94.1	94.1	94.1	94.1	94.1	04.1	04 1	04 1	Su 1	0,4	94.1	74. 9
2 4500 2 4000			93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	C4.
2 3500 2 3000			97.4	98.1	98.1		98.1	98.1	98.1	98.1	98.1 99.1	98.1	98.1	98.1	98.1	
≥ 2500 ≥ 2000			98.5		99.6	99.8 100.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.5	99.
2 1800 2 1500			98.7	99.5	99.9	100.0	100.0	100.3	107.5	190.0	190.7	100.0	100.0	150.7	137.1	173.
≥ 1200 ≥ 1000			99.7	99.5	99.9	100.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0	10.0	100.0	170.7
> 900 ≥ 800 i			99.7		99.9	100.0	100.0	100.0	100.7	100.0	100.0	100.0	100.0	100.0	107.7	170.7
≥ 700 ≥ 600		-	99.7	99.5	99.9	100.0	100.0	100.D	107.0	170.0	100.0	100.0	100.0	100.0	100.1	100.3
\$ 500 \$ 400			98.7	99.5	99.9	100.0	130.0	100.0	100.	100.0	100.0	100.0	100.0	100.0	100.0	10.7
2 300 2 200			98.7	99.5	99.9	100.0	150.0	100.0	100.7	100.0	100.0	00.0	130.0	100.0	100.0	170.3
> 100 ± 0			98.7 98.7	99.5	99.9	100.0	100.0	100.0	100.7	100.0	100.0	100.0	100.0	100.0	ניננו	100.7

USAF ETAC 10164 0-14-5 (OL A) MEVIOUS SOITIONS OF THIS FORM ARE OBSOLET

SLESAL CLIMATOLOGY BRANCH CERFETAC ATT AEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES NO CEILING ≥ 18000 ≥ 16000 ≥ 14000 ≥ 12000 ≥ 10000 ≥ 9000 ≥ 8000 ≥ 7000 1 96. 4 96. 4 96. 4 96. 3 96. 3 96. 3 96. 3 96. 3 96. 3 96. 3 96. 3 96. 3 ≥ 4500 ≥ 4000 2 3500 2 3000 2500 2000 <u>99 - 9- 00 - 01 00 - 01 00 - 01 00 - 01 00 - 01 00 - 01 00 - 01 00 - 01 00 - 01 00 - 01 00 - 01 00 - 01 00 - </u> <u>99.81:00. d100. d100. d100. d100. d100. d100. d100. d100. d100. d100. d100. d100. d100. d100. d100. d100. d10</u> 200 2 1000 900 700 99.41.50.41.60.41.50.41.50.41.50.41.60.41.50.41.60.41.5 500 40C <u>99.elino.elipp.elipp.elipp.elipp.elipp.elipp.elipp.elipp.elipp.elipp.elipp.elipp.elipp.elipp.elipp.elipp.elip</u> 99.31.79.41.59.41.60.41.6 20C

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATR MEATHER SERVICE/MAC

LARAGOZA AB SP

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY ST	ATUTE MIL	ŧs.						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 🤉	≥ ?	≥1 ;	≥1.	≥1	≥ .	≥`•	. ≥ .	. ≥ 5 10	2.	≥0
NO CEILING ≥ 20000										:				•	··	
≥ 18000 ≥ 16000										 				:		
≥ 14000 ≥ 12000																
≥ 10000 ≥ 9000			* 												<u> </u>	
≥ 9000 ≥ 7000															<u> </u>	
≥ 6000 ≥ 5000			93.1	95.7	95.2	96.3	96.4	96.4	36.4	26.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4500			93.4		96.4				96.7					26.7		
≥ 4000			94.6	97.3	97.8	97.9		98.0		1	98.		,	90.0	!	
≥ 3500			95.1	97.9	98.4	96.5			98.6		98.6			98.5		
≥ 3000			95.6	98.4	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	79.3
≥ 2500			95.9	98.7	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	69.7
≥ 2000			96.1	98.9	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.0	99.9	99.9
2 80C			96.1	99.0	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 1500			96.1	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	107.7	170.7
2 120€			96.2	99.0	99.7	99.8	99.9	170.0	107.0	100.0	100.0	100.0	107.0	100.0	100.7	מ.טרב
2 1000			96.0	99.0	99.7	99.8	99.9	100.0	130.1	100.0	130.3	100.3	<u>130.7</u>	100.0	100.7	170.7
· 900			96.2	99.D	99.7	99.8	99.9	100.0	100.7	100.0	100.0	100.0	103.5	10.0	100.0	170.0
≥ 800			95.2	99.C	99.7	99.8	99.9	100.0	100.	100.0	100.0	100.0	<u></u>	100.2	100.7	110.7
± 700			96.7	99.0	99.7	99.8	99.9	100.0	100.7	100.0	100.0	100.0	100.0	100.0	ויינים ו	170.7
≥ 600		}	95.2	99.Q	99.7	99.8	99.9	100.0	100.7	100.0	100.0	100.C	130.0	100.3	100.7	170.0
≥ 500			96.3	99.0	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	0.00	0.000	100.0	173.3
≥ 400		ĺ	96.2	99.0	99.7	99.8	99.9	170.0	100.	170.0	100.0	100.0	100.0	100.0	100.0	100.0
2 300			96.2	99.0	99.7	99.8	99.9	100.0	100.0	100.0	130.0	100.0	103.7	100.0	100.7	170.5
2 200			95.2	99.0	99.7	99.8	99.9	100.0	100.0	100.0	130.0	100.0	100.0	120.0	מ.כסב	100.0
- XC			96.2	99.G	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	107.7	100.0
2 2		! 	96.2	99.0	99.7	99.8	99.9	100.0	100.7	100.0	100.0	hoo.e	100.0	100.7	นอก.ำ	ing.n

OTAL NUMBER OF OBSERVATIONS 663

USAF ETAC (100 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

SLIBAL CLIMATOLOGY BRANCH L'AFELTAC ATT .EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

CEILING							viS	BILITY ST	ATUTE MIL	£5						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2;	≥ 2	≥1:	≥1.	ا≤	2.	≥ `•	≥ ;	≥ 5 16	≥.	≥c
NO CEILING ≥ 20000																
≥ 18000 ≥ 16000						1										
≥ !4000 ≥ 12000														!		
≥ 10000 ≥ 9000										<u> </u>						
≥ 8000 ≥ 7000											:					
≥ 6000 ≥ 5000		! !	50.5	08.5	9.8.8	95.8	95.8	98.8	98.0	98.8	98.8	98.8	98.8	98.8	98.8	26.3
≥ 4500 ≥ 4000		i I	99.5			95.8	98.8	98.8	98.5				98.8	98.8		98.8
2 3500 2 3000			99.3				99.6	1		1		99.6	99.6			99.5
≥ 2500 ≥ 2000			99.5				99.9	1		l .	1	99.9	99.9	1	99.9	99.9
2 1800 2 1500		:	99.5			1	-	,				99.9	99.9			99.9
≥ 1200 ≥ 1000			99.5	99.5			_	99.9		99.9		` .		99.9	99.9 150.3	09.9 153.5
> 900 ≥ 800			99.6		, -	1		130.0	100.	100.0	130.0	100.0 133.0	100.0		130.0	170.7
2 700 ≥ 600			99.6				190.9	100.0		100.0	100.0		100.0		100.5	100.7 100.7
2 500 ≥ 400			99.6		T .	1		130.0 130.0		100.0	1		100.0 100.0	100.0	100.0	173.7 136.2
2 300 2 200			99.6			100.0		100.0		100.0	160.0	100.0	100.0		130.7	175.7 176.7
> 00 - 0		ł	99.6	99.6		100.0				I	1		י.טנו ב.כם	E	100.7	170.7

TOTAL MINISTRACE OF CONTROL OF CO

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL BAL CLIMATOLOGY BRANCH USEFETAC AI ABATHER SERVICE/MAC

JARAGOLA AB SP

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

129-7520

CEIUNG							VIS	IBILITY ST	ATUTE MIL	ES						;
FEET	≥10	≥ 6	≥5	≥ 4	≥3	≥2 .	≥ 2	≥1:	≥1.	≥1	≥ .	≥ '•	≥ :	≥5 16	≥.	≵C
NO CEILING ≥ 20000																
3000 €					1											
≥ 14000 ≥ 12000					,											
≥ 10000 ≥ 9000	·															
≥ 8000 ≥ 7000						-										
≥ 6000 ≥ 5000			97.9	98.	99.4	98.4	99.4	98.4	98.4	98.4	99.4	98.4	98.4	98.4	98.4	98.4
≥ 4500 ≥ 4000			98.1		1	98.6		98.6		98.6	99.6	98.6	99.5		99.6	
± 3500 ± 3000			99.3	!	99.5	98.9		98.9	98.9	98.9	98.9	98.9	98.9		98.9	
2500 2000		i	98.5		99.1	99.1		99.1	99.1	99.1	,	99.1		99.1	99.1	79.1
_ 800 _ 1500			98.5	- 4	99.1 99.1			-1	99.1 99.1	99.1	99.1	99.1	99.1		99.1	
: 200 ≥ 1000			78.8 98.8		99.4	- 1	- 1	99.4	99.4	99.4		99.4	99.4	99.4	99.4	99.4
> 900 ≥ 800			98.5	99.1	99.5	1	- 1	99.5	99.5	99.5	99.5 99.8	99.5 99.8			99.5	
≥ 700 ≥ 600			98.8 98.8	99.1	99.5				99.8	99.8	1	99.8			- 1	
≥ 500 ≥ 400			98.9 98.8	- 1	99.6	-				99.9	, ,	99.9		1	99.9	
≥ 300 ≥ 200			98.9		99.6					99.9		99.9			99.9	
> 100 ≥ 0					99.6	- 6	}		- 1		99.9					

TOTAL NUMBER OF OBSERVATIONS.....

USAF ETAC 101 M 0-14-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLIBAL CLIMATOLOGY BRANCH

USIFETAC

AT LEATHER SERVICE/MAC

CARACOZA AB SP

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1622-2820

CEILING							VIS	IBILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1 :	≥1.	≥1	≥ .	≥ '•	≥ ;	≥ 5 16	٤.	≥c
NO CEILING ≥ 20000																
≥ 18000 ≥ 16000																
≥ 14000 ≥ 12000																
≥ 10000 ≥ 9000					-											
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			70.9	86.6	98.6	c - 2	91 7	02 5	92.8	07.7	07 4	07.4	93.4	93.5	93.5	07 5
≥ 4500 ≥ 4000				36.8		9.3.4		92.9	93.2		93.8	93.8	93.8	93.9		
2 3500 2 3006			70.5		89.6	91.7	92.9	94.5	94.5	95.3	95.4	95.4	95.4	95.5		95.5
≥ 2500 ≥ 2000			87.0	38.3	1	92.5	93.8	95.4	95.8	96.3		96.4	96.4	96.5	96.5	96.5
2 1800 2 1500			60.5 80.5	89.3	91.5	93.7	94.9						97.5	97.6	97.6	
≥ 1200 ≥ 1000			83.8 C.19	90.2	92.5				98.1	98.5		98.6	98.6	98.8	98.8	98.5
≥ 900 ≥ 800			81.1	90.4	2.9 92.9	;	96.3 96.3	98.0		98.9			99.7	99.1	99.1	
≥ 700 ≥ 600			81.1	91.5	93.0		96.4 96.4	98.1	98.5 98.6	99.1	99.1		99.1	99.3	99.3	99.5
.≥ 500 ≥ 400			51.1 81.1	97.5 97.5	93.0 93.2		96.4	98.1 98.3	98.8 98.9	99.3	99.4	99.4	99.4	99.5	99.5	99.9
2 306 2 200			81.1	9".5			96.5	98.3	98.9 98.9	99.4			99.5	99.6	99.5	120.5
> 0C			8: 1	90.5 90.5	93.2	95.3	96.5	98.3 98.3	98.9	99.4	99.5	99.5		99.6		100.0

TOTAL NUMBER OF OBSERVATIONS

ADV

USAF ETAC - 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE CORDUST

GLOPAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

LARASOZA AS SP

2-81

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-927-1177

CEILING							viS	IBILITY ST.	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1:	≥1.	۱≤	≥ .	5."	≥ .	≥5 16	≥ .	≥0
NO CEILING ≥ 20000												-		•	·	
≥ 18000 ≥ 16000														:		
≥ 14000 ≥ 12000														!		
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000															!	
≥ 6000 ≥ 5000			75.5	85	89.4	93.5	90.6	91.6	92.	92.3	97.3	92.5	92.5	92.5	92.5	95
≥ 4500 ≥ 4000			75.5	85.0	80.4	90.6	97.8	91.8 93.5	92.1	92.4	92.4	92.6	92.6	92.6	97.5	
≥ 3500 ≥ 3000			75.9		91.6		93.4	94.4		95.0 96.3			i	95.3	95.3 96.5	
≥ 2500 ≥ 2000			77.4	87.9	92.9	94.3		95.9	96.3	96.5	96.5	96.8		96.8		96.8
± 1800 ± 1500			77.7	88.6	94.0	95.5	96.0	97.1	97.5	97.8	97.8 98.^	98.5	98.7	98.	98.1	78.7 98.3
2 1200 2 1000			7:07	89.1		96.5 96.6	97.0 97.1		98.6 98.8		99.7 99.1		99.3	!	99.3	
≥ 900 ≥ 800			75.7	89 • 1 89 • 1	94.9		97.1 97.1		98.8 98.9	99.1	99.1 99.1	99.4	99.4	1	99.4	99.4
2 700 2 600			79.0	89.1	94.9		97.1 97.1					99.5		(99.5	
2 500 ≥ 400			73.7	89.1 89.1	94.9		97.1 97.1			99.3	99.3		99.5 99.6			99.9
2 300 2 200			72.7	89.1 89.1		96.6	97.1	98.6	99.0	99.4	99.4		99.6	99.6	99.6	10.5
≥ 36 2 :			78.	89.1		96.6			99.	99.4					99.5	

OTAL NUMBER OF OBSERVATIONS

USAF ETAC 104 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE COSCIET

4

GLUBAL CLIMATOLOGY BRANCH Unificial Al- Weather Service/Mac

JARAGOJA AB SP

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIUNG							VIS	SIBILITY ST	ATUTE MIL	ES						
" FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2:	2.7	≥1.	≥1.	۶	٤.	٤,	2	2.5 16	2.	≥0
NO CEIUNG ≥ 20000			:					!						•		
≥ 18000 ≥ 16000			******			——	-					· · · · · ·		•	·•	 -•
≥ !4000 ≥ 12000			•												·	
≥ 10000 ≥ 9000			! 					•						-	—· •	
≥ 8000 ≥ 2000					-									•	· •	
≥ 6000 ≥ 5000			91.5	94.6	95.5	95.8	05. B	05.8	95.5	95.9		95.9	.a. 6	6 E O	95.9	n
≥ 4500 ± 4000			92.1	95.3			96.4	96.4	76.5	96.5	96.5		96.5	96.5		96.5 96.5 97.9
2 3500 2 3000			93.6			98.5	98.0	98.3		98.1	98.1	98.1	98.1	98.1	98.1	96.1 96.5
2500 2000			94.4		98.8	99.D		99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	39.5 99.6
800 2 500			94.4	77.9	98.9			99.6	99.9	99.8	99.8	99.5	99.8	99.84 11.00.11	99.4	99.9
200			94.4	98.0	99.0	99.4	99.4	99.9	10r.º		130.5			100.0	130.0	75.7
2 900 2 800			94.4	98.C	99.0	99.4	99.4	99.9		100.0	130.5	173.0		100.0	100.0	
2 700 ≥ 60c			94.4	98.1	99.0	99.4	79.4	99.9		100.0	100.0		100.7	100.7	107.7	170.5
: 500 : 400			94.4	98.3	99.7	99.4					100.0	100.0	100.0	100.0	:	170.7
2 300 2 200			94.4	98.3	99.0		99.4			100.0	150.0	170.0	100.0		100.0	
			94.4		99.0			99.9	1_7.7		130.0				100.0	1

USAF ETAC 200 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SUBBAL CLIMATOLOGY BRANCH DS/FETAC AT MEATHER SERVICE/MAC

STATION STATION NAME

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIŞ	BILITY ST	ATUTE MIL	£5						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.	≥ 2	≥1 ;	≥1.	≥+	≥ .	≥.•	≥ :	≥ 5 16	2.	<u></u>
NO CEIUNG 2 20000														: :		i
≥ 18000 ≥ 15000																
≥ 14000 ≥ 12000		· · · · · · · · · · · · · · · · · · ·						!								
± 10000 ≥ 9000			!													
≥ 8000 ≥ 7000																
2 6000 2 5000			96.5	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
* 4500 £ 4000				97.6	98.0	98.3	99.7	98.3	98.	98.0	98.7 99.1	98.0	98.0	98.7	99.1	26.7
2 3500 2 3000			98.1		99.3	99.3	99.3		99.3	99.3	99.3	99.3	90.3	59.3	1	99.3
± 2500 ± 2000			98.9		1 0.0	105.0	100.3	100.0	150.0	170.5	130.0	173.0	100.0	100.0		176.7
2 1800 2 1500			98.9	99.6	100.0	19:.0	100.0	100.0	100.0	100.0	100.7	100.0	100.0	103.0	100.1	170.0
2 +200 2 1000			99.9	99.6	160.0	130.0	100.0	100.0	130.0	170.0	160.0	100.0	130.0	100.0	100.0	170.0
> 900 ≥ 800			98.9	99.6	100.0	100.0	100.0	100.0 100.0	137.0	100.0	130.3	100.0	100.0	1000	127.0	173.2
2 700 ≥ 600			98.9	99.6	100.0	100.0	130.0	100.0	100.5	100.0	100.3	100.0	100.0	100.0	00.0	175.7
<u>.</u> 500 ≥ 400	· · · · · · · · · · · · · · · · · · ·		98.9	99.6	100.0	100.0	100.0	100.0	107.7	100.0	100.0	100.0	100.0	100.0	102.0	100.0
2 300 2 200			98.9	99.6	100.0	100.0	100.0	100.0	107.0	100.0	130.0	100.0	100.0	100.0	103.0	130.0
> 100 2 0			98.9			,		100.0				-			1	1

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORBOLETE

GLUBAL CLIMATOLOGY BRANCH UCNFETAC ALL ASATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15 C ARAGOZA AB SP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1822-2000

CEILING							v15	BILITY ST	ATUTE MILE	ES						
I FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2:	≥ 2	≥1:	≥1.	≥1	≥ .	≥ .	≥ .	, ≥5 16	≥ .	≥c
NO CEILING ≥ 20000					1	i	1								:	
≥ 18000 ≥ 16000				1					!							
≥ 14000 ≥ 12000				•					!					1		
≥ 10000 ≥ 9000							į	:							-	
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			96.1	97.0	97.7	27.	97.0	97.0	97.7	97.3	97.~	97.	07.	97.	97.	57.1
≥ 4500 ≥ 4000		i i		97.8		97.8	97.8						97.8			07.9
≥ 3500 ≥ 3000			99.3	99.3		99.3	99.3	99.3	99.3	99.3	99.3	99.3		99.3	99.1	99.4
≥ 2500 ≥ 2000		i	99.9	99.9	99.9	99.9	99.9		99.9	99.9		99.9	99.9	99.9	99.9	170.7
2 1800 2 1500			98.9	99.9	99.9		99.9		99.9	99.9		99.9	99.9		99.9	100.0 100.0
≥ 1200 ≥ 1000			99.9	99.9	99.9		99.9	99.9	99.9	99.9		- 1	99.9	1	99.9	170.7 116.2
≥ 900 ≥ 800			99.9		99.9		99.9	99.9	99.9	99.9	99.0 99.9		i	1	99.0	
≥ 700 ≥ 600			99.9	99.9	99.9		99.9	99.9 99.9	99.9	99.9	99.9 99.9	99.9 99.9				118.0 128.5
≥ 500 ≥ 400			99.9	99.9	99.9		99.9	99.9	99.9	99.9 99.9	99.9 9 9. 9					
2 300 2 200			99 .9	99.9	99.9		99.9	99.9	99.9	99.9		99.9	*	1		170.n 173.g
> .00 ≥ 0		1	93.9	99.9	99.9		99.9	99.9	99.9	99.9		99.9	99.9	1	99.9	-

TOTAL NUMBER OF OBSERVATIONS 82

USAF ETAC 100 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

GLORAL CLIMATOLOGY BRANCH USAFETAC ATP MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION STATION NAME

DEPCEMBAGE EDECLIENCY OF C

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES FEET ۵≤ ≥ 5 ≥ 3 ≥ ? ≥1: ≥1 . ۱≤ ≥ `• 2 : , ≥5 16 . ≥ . ت≾ NO CEILING ≥ 20000 > 18000 ≥ 14000 ≥ 12000 ≥ 10000 ≥ 9000 ≥ 8000 ≥ 7000 ≥ 6000 ≥ 5000 ≥ 4500 ± 4000 2 3500 2 3000 ≥ 2500 ≥ 2000 2 1800 2 1500 ≥ 1200 ≥ 1000 900 2 ≥ 700 600 500 2 400 99.6 300

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 100 00 00-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

GERBAL CLIMATOLOGY BRANCH ATT AFATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST.	ATUTE MIL	ES.						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1';	≥1.	≥1	- ≥ •	≥ '•	2	≥ 5 16	2.4	20
NG CEILING			+	······································						<u> </u>					•	
≥ 18000 ≥ 15000		:	:													
≥ 14000 ≥ /2006							!									
≥ '0000' ≤		!								1						
≥ 8000 ≥ 7000		i														
≥ 6000 ≥ 5000		i :	91.5	24.3	9 = 1	05.7	95.0	96.1	96.	96.3	96.3	96.4	96.4	96.4	95.4	76.4
2 4500 2 4000		1	+	94.6		96.1		96.5	96.6			96.8			96.9	97.3
2 3500 2 3000		1		95.8 96.3			97.5	97.9 98.5	98.	98.1	98.7	98.1	99.1	98.1	98.1 98.7	78 • I.
2 2500 2 2006			97.5					98.7	98.8	98.9	98.9	98.9	92.9	98.9	98.9	99.7
2 800 2 1500			93.5		97.9 97.9			99.3		99.2	99.2	99.3	99.3	99.3	99.3	99.7 99.4
± 1200 ≥ 1000		<u>.</u>	93.6	96.9	98.1		98.9		99.5	99.6		99.6	99.6		1	99.7
> 900 ≥ 800		i	97.7	1				99.4	99.5	99.7		99.7	99.7 99.7		99.7 99.8	99.8
≥ 700 ≥ 600			93.7	97.0	98.2		99.0 99.0	99.5	99.6	ł		99.8	99.8 99.8	1	99.8	99.9
≥ 500 ≥ 400			93.7	97.d	93.3	98.8	99.0	99.5	99.7	99.8			99.8		99.8 99.9	
2 300 2 200			93.7		93.3	°8.8	99.1	99.5	99.7	99.8	99.8	99.8	99.9	99.9		1-2.7
> 100 2 3		1	93.7	97.0	98.3	-		99.5		1	99.8		99.8	f	99.9	1

TOTAL NUMBER OF OBSERVATIONS

SECRAL CLIMATOLOGY BRANCH USSECTAD AL MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIUNG							viS	IBILITY ST	ATUTE MIL	ES						
FEET !	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 7	≥1 ;	≥1.4	≥1	≥ .	≥ .	≥ .	≥ 5 ' 6	2.	2 .
NO CEILING ≥ 20000																
≥ 18000 ≥ 16000							-						L			
≥ 14000 ≥ 12000			!		·											
≥ 10000 ≥ 9000			1								-		··			
≥ 8000 ≥ 7000		 														
≥ 6000 ± 5000		i	94.7	05.5	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.6	36.6	34.4	
≥ 4500 ≥ 4000			94.1	95.7	96.4	96.5	96.5	96.5	96 . 5	96.5	96.5 97.2	96.6	95.7	°6.7	76.7	
2 3500 2 000			96.5	97.2	97.9	95.1	93.1	95.1	98.1	98.1		98.2	98.3	98.7		18.7
2500 2000			96.6 96.7	98.2	99.9	99.0	99.0	99.0	99.7	99.0	99.2	99.2	99.3	99.3		
± 1800 ≥ 1500			96.7	98.3	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.4	99.4	99.4	29.4
2 200- ≥ 1000			96.9		99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.5	99.E	99.5	99.5
≥ 900 ≥ 800			97	98.6 98.6	99.3		99.4	99.4		99.4	99.4	99.5	99.6	99.6	99.5 99.6	
≥ 700 ≥ 600		-	97 .	98.6	99.3	99.4		99.4	99.4	99.4	99.4	99.5		99.6		
± 500 ≥ 400			97.7	98.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4		99.6	99.5		59.5
2 300 2 200			97.1	98.6	99.3		99.4	99.4		99.4	99.4	99.5	99.6	99.5	99.6	99.5
9 100 2 0			97.7		99.3		99.4	99.4	99.4	99.4	99.4	99.5	99.6	99.6	99.6 99.6 99.6	09.6

TOTAL NUMBER OF OBSERVATIONS.

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLIPAL CLIMATOLOGY BRANCH UNIFICTAC ALL ABATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							vis	BILITY ST.	ATUTE MIL	ES						
FEET *	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	2 2	≥ ≀:	≥1.	≥1	2.	≥ .	≥ ;	≥5 16	≥.	≥0
NO CEILING ≥ 20000																
≥ 1800C ≥ 1600C														i		
≥ 14000 ≥ 12000		:														
≥ 10000 ≥ 9000			!	!									1			
≥ 8000 ≥ 7000		i		1									1.	:		
≥ 6000 ≥ 5000			97.1	04.3	94.7	25.	25.1	95.3	95.7	95.7	95.7	95.7	95.7	55.7	96.0	26.4
≥ 4500 ≥ 4000			93.2	1	94.8	95.1	95.3	95.4 96.1		95.9				95.9	95.1 95.8	95.5
2 3500 2 3000			94.4	95.ŭ	96.4	96.7			97.4	97.4	97.4	97.4		97.4	97.7	98.1
≥ 2500 > 2000			95.3	96.5	96.8	97.2		97.4 97.8	97.9	97.9	97.9 98.3	97.9 98.3	97.9	97.0	99.2	98.5
± 1800 ≥ 1500		1	95.4	96.8	97.2	97.6		, ,	98.3	98.3	98.3 98.5	98.3	98.3	98.3	98.5	98.9
± 1200 ± 1000	•		95.6	97.2	97.6	-	99.1 98.1	98.2 98.2	98.7	98.7 98.7		98.7 98.7	99.7	98.7	98.9 99.9	99.3
≥ 900 ≥ 800		ı	95.7		97.7	98.1		98.3 98.5		98.8	98.8	95.8 99.J	98.8	1		99.4
≥ 700 ≥ 600			95.7		97.7	98.1	98.2 98.2			99.7	99.7	99.0	1	4	90.7	
: 500 ≥ 400			95.7	97.3	97.7	98.1	99.2 98.2	98.5	99.7	99.7	99.0	99.0		-	99.3	
2 300 2 200			95.7	97.3	97.7		93.2		99.0		99.0 99.0			1	99.7	
			95.7	97.3	97.7		98.2 98.2	98.5		99.5	99.	99.0	99.0	,	99.3	

OTAL NUMBER OF OBSERVATIONS ________82

USAF ETAC 200 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATOLOGY BRANCH LSIFLTAC AIR MEATHER SERVICE/MAC

JARAGOZA AB SP

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

73-81

CEILING							VI\$	IBILITY ST.	ATUTE MILI	E5						
1 FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≱ 1 ;	≥1.	≥1	2 •	≥ 1	2 .	≥5 16	2.	≥0
NO CEIUNG ≥ 20000																
≥ 18000		1	!													
≥ 14000 ≥ 12000									į							
≥ 1000C ≥ 900C			1						,							
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			81.3	-5.7	86.9	98.	38.7	9*•1	97	91.0	91.2	91.3	91.3	91.5	91.6	9 !
≥ 4500 ≥ 4000	1		81.5	85.8	87.0	68.1	68.8	9:•2	97.5		91.3			91.5	91.9 93.1	92.7
2 3500 2 3900	!	!	83.5					,	93.1					93.9		94.5 95.5
≥ 2500 ≥ 2000	<u> </u>		64.7						94.5	94.9 95.3		95.2		95.4 95.8		96. 96.4
2 1800 2 1500	<u> </u>		64.8 65.7				92.8	1	95.3 95.9					96.1		
2 1200 2 1000	1	i	85.1	89.8 90.1			93.5	1			96.5			97.8		
≥ 900 ≥ 800			85.1 85.2		91.8 92.1			96.0 96.5			97.3 97.8		97.5 97.9	97.8 98.3	97.9 98.4	1
≥ 760 ≥ 800	; [85.2	90 • 2 90 • 2	1 1			96.5 96.5	97.3 97.3		97.8 97.8	97.9 98.1	1	98.3	98.4 98.5	1
≥ 500 ≥ 400			85.2 85.2	90.2 90.2	92.1	93.6	94.4	96.5 96.5		97.7	97.8	98 • 1 98 • 1	98.1 98.1	98.4		99.2
≥ 300 ≥ 200			65.2 65.2		92.1		94.4		97.7	98.1	98.2		98.4	98.8 98.8	99.9	99.8
2 100 2 1	:	1	85.2		92 .1 92 .1				97.7 97.7					98.8		175.7

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC COLON 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORDOLETE

GLIBAL CLIMATOLOGY BRANCH USSFITAC AT AEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-232-1100

CEIUNG							vis	aBility St	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2:	≥ 2	≥ι:	≥1.	≥1	٤.	≥`•	≥ :	, ≥5 16	≥ •	≥c
NO CEILING ≥ 20000													!			
≥ 18000 ≥ 5006																
≥ 14000 ≥ 12000							h	!					:			
≥ 10000 ≥ 9000		!	!			· · · · · · · · · · · · · · · · · · ·	:	!				 -	! !	!		
≥ 8000 ≥ 7000			 	!										,	 !	
≥ 6000 ≥ 5000			7~ 0	79.1	61.3	83.4	2 n 1	85.4	46.7	86.5	E 6 . 8	96.6	97.7	67.1	67.2	
≥ 4500 ± 4000		 	71.2	79.3	£1.6	53.8	64.7	86.2	67.		87.5	87.5	87.7		88.	
2 1500 2 1000		i	77.7	81.0	83.3	95.7	35.6	88.2	89.2	89.4		92.0	97.3	92.4	97.5	ə j • ə
≥ 2500 1 ≥ 2000			73.5		84.6	97.D	38.4	90.5		91.7	91.9		92.7	92.9		
2 1800 2 1500			77.9	32.7	85.6		39.8	91.8	92.9	93.1	93.5	93.9	94.2	94.5		°5.1
± 200 ± 1000		:	74.1		85.4	89.2	91.0	93.3	94.3	94.5	94.9	95.3	95.7		96.	96.5
→ 900 ≥ 800			74.1		85.5	89.4	91.3		95.1	95.3			96.4	96.5	95.8	97.2
≥ 700 ≥ 600			74.1	83.4	86.6	89.5	91.5	94.1		95.7	96.7	96.5	96.9	97.1		
: 500 : 400			74.1	83.4	56.6		92.1	94.9		96.9	97.2 97.5	98.0	99.3	98.6	98.7	99.2
± 300 ± 200			74.1	83.4	86.5		92.1	94.9	96.3	96.9	97.5 97.5	98.2	98.7	98.9	99.7	
		!	74.1		86.6	89.5	92.1	94.9	96.3	96.9	97.5 97.5	98.2	98.8	99.	99.2	176.0

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRET

GLIBAL CLIMATOLOGY BRANCH USAFLTAC AIR MEATHER SERVICE/MAC

: 00

LARAGOZA AB SP

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

73-81

VISIBILITY STATUTE MILES ≥10 ≥6 ≥ 5 ≥ 3 ≥2: ≥ 2 ≥1'; ≥ 4 1 ≥ 4 ≥: . ≥5 16 1 ≥ . ≥c NO CEILING ≥ 20000 ≥ 18000 ≥ 14000 2 12000 ≥ 10000 ≥ 9000 ≥ 8000 ≥ 7000 ≥ 6000 ≥ 5000 2 4500 2 4000 4500 3500 3:000 ≥ 2500 ≥ 2000 1800 2 1800 2 1500 ≥ 1200 ≥ 1000 ≥ 900 ≥ 800 700 600 500 ≥ 300 ≥ 200

89.8 94.4 96.6 97.0 97.7 98.5 99.2 99.6 99.6 99.8htm.obsc.nhon.obsc.n

TOTAL NUMBER OF OBSERVATIONS...

USAF ETAC 10164 0-14-5 (OL A) REVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH UNIVERSAL AT AEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING				-			vis	BILITY ST	ATUTE MIL	ES .						•
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≱; ;	≥1.	≥1	٤.	≥ .	≥ .	≥ 5 16	≥ .	≥0
NO €EILING ≥ 20000										-		-		•		
≥ 18000																
≥ 14000 ≥ 12000						•			·	-				•	·	
≥ 10000 ≥ 9000					!											
≥ 8000 ≥ 7000				i												
≥ 6000 ≥ 5000			97.0	93.5	94.2	94.2	94.4	94.7	94.7	94.7	34.0	94.5	ou a	: 94.9	94.2	. 24.2
≥ 4500 ≥ 4000			92.3	93.7	94.4	04.4		95.	95.0		95.2	95.2	95.2	95.2	95.2	95.2
2 3500 2 3000			94.8	96.6	97.3	97.3	97.7		تتحصف	98.7	98.2	98.2	99.2	98.2	98.7	56.7 98.E
≥ 2500 ≥ 2000			95.8	97.6	98.3						99.2	99.2		99.2	99.2	
2 1800 2 1500			99.8	97.7	93.7	98.7	99.0	99.3		99.4	99.5	99.5	99.5	99.5	99.5	
2 200 ≥ 1000			95.	97.9 97.9		98.9	99.1	99.5	99.5	99.8 99.8	- 1	190.9			107.0 100.0	173.1
> 900 ≥ 800			96.7	97.9		98.9	99.3	99.5	99.5	99.B	99.9	130.0	100.0		165.7 105.0	170.7
≥ 700 ≥ 600			96.7	97.9	98.9	98.9	99.3		99.5	99.8	99.9		[]		130.0	100.0
± 500 ≥ 400			96.7	97.9	98.9	98.9	99.3	99.5	99.5 99.5	99.8 99.8	99.9		100.0 160.2	100.0	100.0	170.7 170.7
2 300 2 200			96.7	97.9	98.9		99.3 99.3				99.9 99.9			100.7 100.2	100.0	170.3
			96.7	97.9		1			99.5	99.8	99.9			100.0		100.2 122.2

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLUBAL CLIMATOLOGY BRANCH USAFITAC A: REATHER SERVICE/MAC

LAPASOZA AB SP

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							V15	BILITY ST	ATUTE MIL	ES						
FEE:	≥10	≥ 6	≥5	≥ 4	≥ 3	≥2:	≥ 2	≥1:	≥1.	≥1	<u>≥</u> ′4	≥`•	≥ ;	, ≥5 16	≥ .	≥0
NO CEILING				-								-				
≥ 18000			+								1					
≥ 14000 ≥ 12000						1							:		•	
≥ 10000 ≥ ∨000	-							· · · · · · · · · · · · · · · · · · ·			-					
≥ 8000 ≥ 7000	•					· · · · · · · · · · · · · · · · · · ·					,				}	
≥ 6000 ≥ 5000			92.6	24.2	95.7	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 4500 ≥ 4000			92.9	- 1		95.4	95.4	95.4	95.6	05.6	95.6	95.6	95.6	95.6	95.6 97.2	95.6
≥ 3500 ≥ 3900			95.3	97.1	97.8		98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	99.7	98. ?
≥ 2500 ≥ 2000			96.5 95.5		99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800 2 1500			96.5	98.4	99.4		99.6	99.6	99.8	99.8	99.8	99.8	99.5	99.8	99.8	99.8
± 1200 ≥ 1000			96.6		99.5		99.8	99.8	-	99.9	-	-	99.9	-	99.9	
.º 900 ≥ 800			96.6 96.6	98.6 98.6	99.5 99.5		99.8 99.8	99.8		99.9					99.0	
≥ 700 ≥ 600			96.6 96.6	98.6 98.6	99.5 99.5		1	99.8 99.8	99.9				99.9	1 -	99.9	
≥ 500 ≥ 400			96.5 96.6	98.6 98.6	99.5	99.8	99.8	99.8 99.8	99.0	99.9	99.9	100.0	100.0	100.0	100.0	170.0
≥ 300 ≥ 200				98.6	99.5		99.8		99.9	99.9	99.9	100.0	100.0	100.0	100.0	170.0
> 00 2			96.6			99.8								1	100.0	F

USAF ETAC (01 40 0-14-5 (OL A) REVIOUS EDITIONS OF THIS R

SUTRAL CLIMATOLOGY BRANCH USAFLITAC

ATT REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							vis	BILLTY ST	ATUTE MIL	ES						
: FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	ادا≤	≥1.	≥1	≥ .	≥`•	≥ ;	≥ 5 16	≥.	≥0
NO CEILING ≥ 20000																
≥ 18000 ≥ 6000																
≥ 14000 ≥ 12000		:												:		
≥ 10000 ≥ 9000			1											!		
≥ 8000 ≥ 7000												i				
≥ 6000 ≥ 5000			54.6	C. A. 1	96.4	96.6	96.6	96.6	04.6	06.6	96.6	96.6	96.6	C 4 . 8	96.8	96.2
≥ 4500 ≥ 4000			94.5	ი6.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.5	96.8	96.9	96.8
≥ 3500 ≥ 3000			96.5	98.2	99.3	98.6	98.6	98.6	98.6	98.5	98.6	98.6	99.6	98.7	98.7	38.7
≥ 2500 ≥ 2000			97.7	99.4	99.5	99.8	99.8		99.8	99.8	90.8	99.8	99.8	99.9	99.9	99.5
2 1800 2 1500			97.7	99.4	99.5	99.8	99.8	99.8	99.5	99.8	99.8		99.8	99.9	99.9	79.9
≥ 200 ≥ 1000			97.7	99.4	99.5	99.8	99.8	99.8	99.9	99.B	99.8		99.8	99.9	99.9	99.9
90C ≥ 800			97.7	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8		99.8	99.9	99.9	
2 700 2 600			97.7	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8 99.8	99.8	99.8	99.9	99.9	99.9
≥ 500 ≥ 400			97.7	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.3	99.8	99.9	99.0	79.7
2 300 2 200			97.7	99.4	99.5	99.8	99.8	99.8 99.8	99.5	99.8	99.8	99.8	99.8	99.9	99.9	99.9
2 130			97.7	99.4		99.8	99.8	99.8	99.6		99.8	99.8		99.9	99.9	09.9

USAF ETAC 10164 0-14-5 (OL. A) MEVIOUS SOTTING FORM ARE OBSOLETE

GLIBAL CLIMATOLOGY BRANCH USAFETAC AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

S 6 E LARAGOZA AS SP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY ST.	ATUTE MILI	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2;	≥ 2	≥≀:	≥1.	≥1	2 .	≥ •	≥ .	≥5 16	≥.	≥c
NO CEILING			•										· · · · · · ·			
≥ 18000 ≥ 16000				1												
≥ 14000 ≥ 12000																
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000	·		87.8	9 . 8	91.8	92.3	92.6	93.0	93.3	93.4	93.5	93.5	93.6	93.6	93.7	93.9
≥ 4500 ≥ 4000			68. 69.3	91.0	92.0	92.5	92.9	93.3	93.6	93.7	93.8	93.8	93.9	94.0	94.7	94.2
2 3500 2 3000			90.0		94.2 95.2	1	95.2 96.1			-	1				96.5 97.6	
≥ 2500 ≥ 2000			91.2		95.4 95.8	96.0	96.4	97.0		97.5	97.6	97.6	97.7	97.8	97.9	98.
≥ 1800 ≥ 1500			91.3	94.6	95.8 96.0			97.5 97.7	97.9 98.1				_		98.4 98.6	
≥ 1200 ≥ 1000			91.5 91.5			96.8 96.9			98.3 98.5		98.5 98.7			1 .	98.8	
≥ 900 ≥ 800			91.5			96.9 97.0	97.4	-	i	i l	98.7 98.9		98.9 99.1	,	99.1	
≥ 700 ≥ 600			91.5			97.0 97.0		1			98.9 98.9			99.2	99.3	
			91.5 91.5	95.0 95.0		97.3 97.3	97.6 97.6		98.8 98.8		99.1 99.1	1	99.4	-	99.5 99.5	
≥ 300 ≥ 200			91.5 91.5			97.0 97.0	97.6 97.6	-	98.8 98.8	99.3 99.E		99.3		99.5		
≥ 100 ≥ 0		}				97.0				-		_		99.5	99.6	

USAF ETAC TOLEN 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMAL CLIMATOLOGY BRANCH LIMPITAC

AT REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							V15	IBILITY ST	ATUTE MIL	E5						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 :	≥ 7	≥1:	≥١.	≥1	2 4	≥ ,	2	. ≥5 16	≥ .	≥c
NO CEILING ≥ 20000			!								-			-	•	
≥ 18000 ≥ 16000	· · · · · · ·													:		
≥ 14000 ≥ 12000			:		,											
≥ 10000 ≥ 9000			1													
> 8000 > 7000					1									1		
2 6000 5 5000			ราเร	£ 4. 1	-5.2	85.6	5.7.1	27.4	38 - 1	80_	89	89.1	89.1	. 43.7	89.7	91.
≥ 4500 ± 4000			87.7	34.2	85.3	85.8 86.1	87.4		88.5	89.4	89.4	89.5	-	89.6	89.5	91.4
2 3500 2 3000			81.3	34.8	86.0	56.5 85.7	88.0		80.3	9-1	97.1	97.5	91.3	93.4	97.4	02.0
≥ 2500 ≥ 2000			£1.4	95.0	85.2 37.1	96.9	88.4	88.7	89.5	91.7	97.5	90.6	9°.5	90.8	97.8 97.1	92.5
2 1800 2 1500			82.2	95.8 35.8	87.5 87.6	88.2	89.8	90.3	91.2	92.5	92.4	92.2	92.2	92.4	92.4	94.2
2 1200 ≥ 1000			82.4	86 • 1	87.9 88.4	88.6	90.4	91.0	91.9	92.8	92.8 93.4	92.9 93.6	92.9	93.2	93.2 93.8	94.9
> 900 ≥ 800			52.8 52.8	86.6 86.6	88.4 88.4	89.1 89.1	91.3	91.7 91.8	92.5 92.7	93.4	93.4	93.6 93.8	93.6	93.8	93.9	95.6
≥ 700 ≥ 600			82.9	86.7	88.5	89.3	91.3	91.9 92.2	92.A 93.3	94.1	93.9	94.1	94.1	94.3	94.7	06.1
: 500 ≥ 400			82.9	86.9	88.6	89.4	91.5	92.3	93.2 93.8	94.3	94.4	94.7	94.7	94.9	94.9	96.7
2 300 2 700			82.8	86.9	89.7	90.3	92.5		94.6	95.8 96.2	96.7 96.3	96.2 96.6	96.2	96.5 96.8	96.5 96.8	96.6
- x			87.9	87.0	89.3		92.8 92.8	93.7		96.2	96.3		96.6	96.9	96.8	

USAF ETAC 100 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORBOLETE

GLIMAL CLIMATOLOGY BRANCH CCAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-337-7577

CEILING							viS	BILITY ST.	ATUTE MILI	E5						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2:	≥ 2	≥1 :	≥1.	≥1	≥ •	≥ •	, ≩:	; ≥5 16	2.4	≥ 0
NO CEILING														:	,	
≥ 18000 ≥ 18000														1		
≥ 14000 ≥ 12000		!	•					-					:			
± 10000 ≥ 9000																
≥ 8000 ≥ 7000											i			:		
≥ 6 000 ≥ 5000			à `•1	32.9	84.7	84.9	85.7	86.5	87.2	88.1	68.1	88.6	88.9	88.9	88.0	91.7
≥ 4500 ± 4000		! !	8 •1 8 • 3	92.9 93.0		1	85.8	86.6	87.3 87.5	88.2	88.4	98.7 88.9		89.1	8°.	91.1
2 3500 2 3000	 	!	87.3	93.0 33.0	84.8 34.8	85.1 85.1	85.9 86.2	86.7 87.3	87.5 87.6	88.4	88.7	88.9	89.1	89.1	39.1	91.5
≥ 2500 ≥ 2000			50.3 87.5	23.0 33.5	64.8 85.3	85.1 85.6	36.2 36.7	87.0 87.5	87.8	88.7	89.7	89.2	89.5	89.5	99.5	91.5
≥ 1800 ≥ 1500			80.5 90.5	83.5 83.5		,	36.8 87.6	87.6	88 . t	89.5	89.5 97.3	9 .0	97.3	91.7	97.1	^2.4 53.3
≥ 1200 ≥ 1000		i	ε7.5 81.4	83.7	85.4 86.3	86.3	88.4	99.2 90.5	97.3 91.5	91.1	91.1 92.4	91.6 92.9	91.9	,	91.7	94.1
.≥ 900 ≥ 800			81.4	84.6	86.3		89.6 89.6	90.5	91.5	92.4	92.4	92.9	97.2	? .	93.7	95.3 75.6
2 700 2 600			81.5	84.6 84.7	86.3		89.6		91.5	92.4	92.4	93.	93.3		93.4	75.6 95.8
≥ 500 ≥ 400			81.6	84.8 55.1	86.6		89.9 90.1	90.8	- 1	92.8		93.4	93.7		93.4	95.9 96.3
2 300 2 300			81.6		87.3 87.3	1 1	91.0		92.9	93.9		94.6	94.8		95.1	
3 30			81.6				91.0 91.0		92.9				95.2 95.2	,	95.4	38.5

TOTAL NUMBER OF OBSERVATIONS 70

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLET

BL.RAL CLIMATOLOGY BRANCH CAFETAG AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VI5	HBILITY ST	ATUTE MIL	£5						
! FEET	≥10	≥ 6	≥ 5	_ ≥ 4	≥ 3	≥2.	≥ 2	≥1:	. ≥1.	<u>></u> 1	2 •	≥ .	. ≥ :	, ≥5 16	≥ 4	≥0
NO CEILING ≥ 20000							! !	,								
≥ 18000 3 15000									;					1		
2 14000 2 7000								1	!]				!		
± 10000 2 9000	•									l			:			
9 9/4 4 2 7 990			•				•	:							•	
2 5000 5000			7 - 4		75.8	77.3	77.8	79.7	61.	91.5	51.6	92.1	62.2	67.5	5 7 . 1 .	25.5
45tH, 45tH,				73.9				61.1	61.3		62.1 63.2		82.6	82.8		
150x 1 + x(x)			71.3	75.2	77.4	7	79.6	81.5 52.0	82.9	93.4	83.5 84.7	84.5	84.1	54.4 55.	65.°	97.4
2000 2000			77.5	76.2	75.4	79.9	57.6	92.5 93.0			84.5 65.2	85.3 85.9	85.1 86.3	85.5 86.4	36.1 27.1	88.5
50k			72.3	76.7	79.1 79.3	80.8 81.2	81.5	93.4		95.5	85.6 86.4	86.3 87.1	86.4	66.8 67.6	87.4	89.8 93
: 120€ 2 100€			77.0	77.3		81.7	82.7		1	97.3	£7.5	98.3		88.8 89.5	89.5 90.3	
≥ 800 ≥ 800			77.3	77.6	79.9		23.6	95.6 95.8	87.4	1	89.5	99.3 89.8			97.5	93.1 93.6
≥ 700 ≥ 600			73.3	77.6	79.9 79.9		53.7 133.9	85.9 86.0	87.8 87.9	1		89.9 9C	97.0	1 1	91.2 91.4	93.7
± 500 ≥ 400			77.3	77.6	79.9	82.0 82.0	97.0	96.4	88.3	89.4	89.8	97.5	91.4	1:	91.9 92.4	74.5
2 300 2 200			73.3 73.3	77.7	67.1 83.1	92.1	84.1 34.1	96.6 96.8	88.5		90.7 91.0	91.7	1	92.3 92.8		96.1
			73.3		83.1 83.1	82.1 82.1	34.1 54.1	96.8	88.7			92.2		93.3		- 1

USAF ETAC " No 0-14-5 (OL A: MENIOUS COTTHIS FORM AND ORNOLET

SEIBAL GLIMATOLOGY BRANCH CONFETAC AIR AFATHER SERVICE/MAC

ARAGOZA AS SP

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CERUNG							VI5	IBILITY ST	ATUTE MIL	ES						
FEE!	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2;	≥ 2	۱:	≥١.	≥1	≥ •	≥ .	. 2.	. ≥5 16	<u> </u>	20
NO CEILING ≥ 20000		1	†													
≥ 18000													•		•	
≥ 14000 ≥ 12000						1					-					
≥ 10000 ≥ 9000															-	
≥ 8000 ≥ 7000		i									;)			
≥ 6000 ≥ 5000		İ	52.6	66.6	67.3	72.2	73.8	76.3	77.2	79.1	79.E.	٥٠.6	. 5 - 7	81.2	31.4	= 2 . 1
≥ 4500 ± 4000			62.3	66.9		72.4	74.1	77.1	79.1	79.3		9 . 9	81.0	81.5	81.5	
≥ 3500 ≥ 3000		!	+	67.4	70.2	73.0	74.7	77.8 79.0	78.8	85.4	87.9 82.2	91.9	62.0	F 2 . 6	67.7 64.1	84.5
≥ 2500 ≥ 2000			64.0	68.4				79.5 85.1			82.7 83.4			94.6 £5.3		96.5 97.2
≥ 1800 ≥ 1500			1	68.9				80.4 90.6					1		85.5 86.3	
≥ 7200 ≥ 7000			1	68.9 69.0	72.2 72.4	75.2 75.4			-		84.9		1	86.9 87.4	86.9	98.7
≥ 900 ≥ 800		[1 1	69.1 69.1	72.5 72.7		77.3 77.7			85.5 86.3	66.°		1	37.9 68.9		99.A
2 700 2 600			64.4	69.1		}	78.3 78.3		83.9		57.8 87.8		Į.	89.9 93.1	9 1 . 1	91.9
≥ 506 ≥ 400			64.4	69.1	72.8	75.9	78.5	83.0	84.5	98.3	89.5	93.7		92.1	92.2	
2 306 2 200			64.4	69.1 69.1	72.8		78.5	83.1	84.9	88.7		91.7	92.4	93.5	92.7	97.2
> ⊹36 ≥ ≎		!	1									_			95.1	

TOTAL NUMBER OF OBSERVATIONS 79

USAF ETAC 100 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORBOLETE

SE RAL CLIMATOLOGY BRANCH

CEILING VERSUS VISIBILITY

AT AFATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1212-1422

CEIUNG							VIS	SIBILITY ST	ATUTE MIL	ES						
FRET ;	≥10	≥6	≥ 5	≥4	≥ 3	≥2.	≥ 2	≥!:	≥1,	ر <u>خ</u> ا	≥ 4	≥ .	≥ .	≥5 6	≥ •	≥ (
NO CEILING 2 20000			<u> </u>		-				!				•	+	-	
≥ 18000 ≥ 5000	-							:		+			•			
≥ 14000 ≥ 12000			•													
≥ 10000 ≥ 9000			1					:						*		
≥ 8000 ≥ 7000		· · · · · · · · · · · · · · · · · · ·											:	· ·		
≥ 6000 ÷ 5000			67.5	73.4	75.6	77.1	79.4	P1-4	82-	53.4	63.8	64.7	. 54.5			= 4 . 7
450C 400C				73.5 74.2	75.8	77.3	79.5	81.5	82.3					84.7	84.7	94.3 -5.0
≥ 3500 ≥ 3000			6 . 5	74.5	77.3		80.8	PZ.9	33.7	95.2		85.9	86.3	6 • 3 87 • 8	36.3	25.4
≥ 2500 ≥ 2000			67	75 · 8	78.5	90.4	32.7	85.2		87.7	88.1	88.4	89.8	88.8	88.5	85.0
2 800 2 500			77.4		79.9				88.1 88.8	89.7	9°•1	97.5	91.8		91.0	91.1
2 1200 2 1000			7 . 5	77 • 1 77 • 3	80.5 83.7	52.4 82.7	34.8			•	1 1	91.6	92.7	92.1	92.1	92.2
> 900 ≥ 800			7 . 5		82.7		85.3	88.4		,	92.2		93.2	93.3		93.5
≥ 700 ≥ 600			77.5	77.4			36.4	99.8	91.1		94.7	94.7	95.6		95.7	95.9
± 500 ≥ 400			70.5	77.4	81.0	83.3	86.7	90.6	91.0	94.3	94.8	95.7	96.6		97.	97.1
≟ 300 ≟ 200			77.5 77.5				86.8	91.0	92.3		95.6	96.6	97.5	98.7	98.4	CE.7
> 36 2			77.6					91.0		1	1			98.2		1

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

CL-BAL CLIMATOLOGY BRANCH US*FETAC AT- REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

5 <u>24</u> F	<u> </u>	AB S	STATION NAM			AGE F		ENCY	-		RENCE				15.7	- : 7
CEILING	:						v:\$	IBILITY STA	ATUTE MIL	ŧs						
FEET	≥10	26	≥ 5	≥ 4	≥3	≥2:	≥ 2	≥1:	≥1.	≥1	2.	≥ •	. ≥ .	≥5 16	≥ .	2
NO CEILING ≥ 20000			•													
≥ 18000 ≥ 15000			! !	,											•	
≥ 14000 ≥ 12000				-				· ,								
≥ 10000 ≥ 9000		!	! !	·			i						-		•	
≥ 8000 2 7000			+	i				1								
2 6000 2 5000			77.7	80.0	= 4 . 1	35.1	36.7	87.9	38.2	98.9	89.	99.4	80.4	29.4	30.4	9 9
≥ 4500 ≥ 4000		1	7 1		54.3	85.3		98.2		89.3	89.4	80.€			89.9	
2 3500 2 3000			79.5	83.9	86.3	87.0	29.7	95.3	90.4	91.		91.5	91.5		91.5	ō ;
≥ 2500 1 ≥ 2000	i i		87.7	85.1	87.5	63.5	90.3	91.8	92.2	92.8	92.9	93.6	97.6	93.E	95.5	\$
2 1800 2 1500			81.4		89.0	93.0	91.9		93.8	94.4	94.5	95.2		c5.4	95.4	
± 1700 ≥ 1000			81.4	- 1		95.1 93.5				95.6 96.2	1			1	96.6 97.7	
≥ 900 ≥ 800			81.5		89.6 89.5	90.6 90.5		1	96.1 96.1	96.5					97.5 97.7	
≥ 700 ≥ 600	: !		81.5	86.9	89.6	93.6	93.0	95.3 95.6	96.3	97.3		98.1	98.2		98.1 98.4	
± 500 ≥ 400			81.5 81.5	96.9	89.6	95.6	93.2			97.7	97.9		98.9	99.2	99.9 99.2	
2 300 2 200			81.5	86.9	89.6		93.2		96.5	97.7	97.9	98.6		99.4	99.5	20
> 130 > 130	,		81.5			90.6									99.5	

TOTAL NUMBER OF OBSERVATIONS 79

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOURT

CLIBAL CLIMATOLOGY BRANCH OFFETAC ATM AFATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

: 2 7 - > - 7 -

CERTING							V15	18ILITY 574	ATUTE MIL	E 5						
FEET	≥10	≥6	≥ 5	≥ 4	23	≥2:	≥ 2	≥1:	≥1.	اخ	2.	≥.,	` ≥ .	≥5 10	≥	≱ડ
NO CEIUNG 1 ≥ 20000					· · · · · · · · · · · · · · · · · · ·				· · · · · · · · · · · · · · · · · · ·							
≥ 18000																
2 14000 2 12000			•		· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·							:	
≥ 10000 ≥ 9000			ļ .	-	·								•		•	
≥ 8000 ≥ 7000	·	:	1		1										<u> </u>	
≥ 6000 - 5000	·	1	7:-0	87.7	84.7	85.8	96.6	87.4	57.7	88.6	ėB.S	88.8	38.8	88.9		89.1
> 4500 ± 4000				83.9	84.9	86.1	56.8	87.7	87.9	88.8		89.1	89.1		89.2	
2 3500 2 4000				35.9	86.9	88.1		39.7	89.9	98	90.8		91.1		91.2	91.3
2 2500 2006		•		86.8	87.8	88.9	89.7	90.8	91.7		92.1	92.5	92.6		92.7	
2 1800 2 1500		•	87.3	87.3	88.3	89.4		91.3			92.9		93.5		93.6	73.7
2 1200 2 1000			57.3	57.9	99.9	93.1	97.8	92.1	92.5		93.6	94.	94.2	94.3	94.3	94.5
906 2 800		1	+	58.2	89.4			93.1	93.5	94.6	94.6		95.2	95.4	95.4	
2 700 2 800			62.5	88.4	89.9	91.1	92.			95.7		96.1	96.4		96.5	
. 500 ≥ 400	·	• !	82.5	38.4	89.9	91.5	92.5	94.5		96.6	96.6	97.1	97.4	97.7	97.7	97.9
± 300 ± 200	·		ε?.5	58.4	89.9	91.5	92.5	94.5	95.1	96.9	97.1	97.6	97.9	98.7		98.4
, , , , , , , , , , , , , , , , , , ,			82.5	58.4	89.9	91.5	92.5	94.5	95.1	96.9	97.1	97.6	97.9	98.2	93.2	99.7

TOTAL NUMBER OF OBSERVATIONS 79

USAF ETAC 10164 0-14-5 (OL. A) MEVIOUS SOITIONS OF THIS FORM ARE OBSOLET

SLEPAL CLIMATOLOGY BRANCH

LAFAGOZA AB SP

COMPETAC

AT REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CENING	,						VIS	IBILITY ST	ATUTE MIL	ES						•
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2:	≥ 2	≥; ;	≥1.	≥1	2.4	≥ .	2 :	≥5 16	2.	
NO CEILING ≥ 20000																
≥ 18000 ≥ 16000											-					
≥ 14000 ≥ 12000	-	!				-	!									
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000		·											1			
≥ 6000 ≥ 5000			و- و	35.4	56.1	86.6	86.9	87.4	â7.4	88.4	88.4	58.5	89.7	88.7	89.7	99.5
≥ 4500 ≥ 4000			81.4	86.9	86.7	87.2	67.5	88.2	88.7	69.7		89.2	89.3	89.3	69.3	
≥ 3500 2 3000			82.6 03.1	87.2		88.7	89.0		80.5	90.5	9°.5	97.7	9^.8	97.8	97.9	91.7
≥ 2500 ≥ 2000		;	83.2	87.9	88.9		89.9	90.4	94	91.4	91.4	91.5	91.7	91.7	91.7	92.5
* 1800 2 1500			84.1	88.8	89.8	90.5	90.9	91.5	91.5	92.5	92.5	92.7	92.8	92.8	92.8	
2 1200 2 1000			84.4	89.8	90.8	91.8	92.2	92.8	92.0	93.8	93.8	93.9	94.7	94.0		94.9
900 ≥ 800	 		84.6	89.9	9 .9	91.9	92.3		92.9		93.9	94.0	94.1		94.1	95.0
≥ 700 ≥ 600			84.5	9~•0	91.4	92.5	93.2	94.5 94.3	94.0	95.0	95.0	95.1	95.3	95.3	95.3	76.1
≥ 500 ≥ 400			84.6	90.0	91.4 91.4	92.9	93.5	94.6	94.6	95.6	95.6	95.8	95.9	95.9	95.9	96.8
2 300 2 200				90.0		92.9	93.8	94.8	94.9	96.3		96.4	96.5	96.5		97.9
2 130 2 3			84.6	90.0	91.7	93.2	94.0	95.0 95.0	95.1	96.5		96.6	96.8	96.8	96.8	98.8

TOTAL NUMBER OF OBSERVATIONS.

873

USAF ETAC 10104 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

SECRAL CLIMATOLOGY BRANCH STORESTAG ATT SEATHER SERVICE/MAG

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	,						viS	BILITY ST	ATUTE MILE	ES						
FEE:	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1:	≥1.	≥1	≥ .	≥ .	≥ ;	≥516	2.	≥¢
NO CEILING ≥ 20000							į									
≥ 18000 ≥ 16000			•						!							
≥ 14000 ≥ 12000									1			:			-	
≥ 10000 ≥ 9000				,	-	!									•	
≥ 8000 ≥ 7000			:				-				Ī					
≥ 6000 ≥ 5000			74.9	79	8 - 7	81.8	4 7 . ~	34.3	- u _ o	95.9	86.0	86.4	66.5	86.7	86.5	27.9
≥ 4500 ≥ 4000				79.2	e .9		83.3					86.7		87.1	57.1 88.0	86.7 89.2
2 3500 2 6000			76.7	30.2		83.2	84.5		86.5	87.5	87.5	88.0	88.1		88.4 89.3	89.5
2 2500 2 2000			76.7	81.0	82.9	84.2	35.5	67.0	87.7 88.6	88.7		89.3	89.5			
. 800 2 500			77.2		83.9 84.1	85.2 85.5	96.5 67.0	88.1 88.6	89.9 89.5		90.1 90.8	97.6	97.8	91.7 91.6	- 1	92.2
2 200 ≥ 000			77.4		84.3 64.7	65.8 86.2	87.3 87.9	89.1 89.7	90.1 90.6	91.2 91.9	91.3 92.		92.7		92.3 93.1	93.5 94.2
.: 900 ≥ 80x			77.6		84.7 84.9		88.0 88.2		97.9 91.1	92.1 92.5			92.9			
: 700 ≥ 600			1 1	82.6 82.6					91.5 91.6	93.2		93.7 94.0	94.3 94.3	94.2	94.3	95.5
: 500 ≥ 400			77.7	82.6	, ,	86.7	88.7	90.9 91.1	91.9 92.2	93.6 93.9	93.8 94.2	94.4	94.7			'
2 300 2 200			77.7	82.7 82.8	-	86.9 87.0	89.3	91.4	92.5 92.5	94.3	94.6	95.3 95.6	95.6 96.7	96.4	96.3	98.5
3 30		 	' 1	82.8	;	87.0 87.0		91.5 91.5			94.8 94.8				96.9 97.	

TOTAL NUMBER OF OBSERVATIONS 635

GLOBAL CLIMATOLOGY BRANCH OF AFCTAC ATT REATHER SERVICE/MAC

- 5.5 CARAGOZA AB SP

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2000-2222

CEILING .							V15	IBILITY ST	ATUTE MIL	E S						
I FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1:	≥1.	۱۶	≥ •	≥`ı	≥ :	≥5 16	≥.	≥0
NO CERING ≥ 20000																
≥ 18000 ≥ 16000			• • • • • • • • • • • • • • • • • • •													
≥ 14000 ≥ 12000																
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ 6000 ± 5000			75.4	79.3	8 .7	80.5	81.	۹1.8	62.3	82.3	\$2.4	82.4	82.4	92.7	92.9	£3.5
? 4500 2 4000			75.8	79.8	_	£1.1 82.3	31.5 32.7	82.3 83.5	82.8	82.8 84.0	82.9 64.1	82.9	82.9	83.2	63.3 64.5	94.1
2 3500 2 3000			79.1	81.5	82.2 83.7	22.8 83.6	83.2 84.7	84.8	85.3	84.5 85.3	84.6	84.6	34.6 65.5	84.8	85.9	95.8 86.7
2500 2000		1	7:.7	82.3	83.2 83.8	83.8 84.4	34.1 64.7	85.0 85.6	85.5	85.5 86.1	65.6 86.2	85.6 86.3	65.6 66.3	95.8 86.5	85.9 86.7	56.8 87.5
2 1800 2 1500			70.4	83.0	84.1	94.7	85.1 85.1	85.9 85.9	86.4	86.4 86.4	86.5	86.7 86.8	86.7 86.8	86.9 87.	87.7 37.2	27.9 98.7
. ≥ 120€ ≥ 1000			70.6	83.5 83.6	85.0 85.2	25.6 85.8	85.9 86.2	86.8	87.3 87.5	87.3 87.5	87.4 87.6	88. [^]	68.7 68.2	88.2	88.4 88.6	89.7 89.5
≥ 900 ≥ 800			77.8	83.6 84.0		85.8 86.3	86.2	87.0 87.5	87.5	87.5 88.1	87.6 88.2	88.2	68.2 68.8	88.7	88.8	89.8
≥ 700 ≥ 600			79.8	84.0 84.0	£5.7 85.7	86.3 85.3	86.7 86.7		88.2 88.2	86.2 88.2	88.4	89.0	89.7 89.1	89.5	89.6	93.5
≥ 500 ≥ 400			8 .1	84.2 84.6	85.9 86.3	86.5 87.0	86.9 87.4	87.9 88.4	88.6 89.1	98.7	88.8	89.5		90.5		91.3 91.5
≥ 300 ≥ 200			8 `• 1 8 `• 1	84.7 84.7	86.5 86.5	87.4		89.1	89.8 90.1	90.2		91.4 92.0	92.1	92.4	93.2	
> 106 2 0		,	87.1	84.7	86.5 86.5	1				90.7	90.8	92.1 92.4		į.	93.6	

OTAL NUMBER OF OBSERVATIONS ______E2

USAF ETAC 10164 0-14-5 (OL A) MEMOUS EDITIONS OF THIS FORM ARE OBSOLET

GL.PAL CLIMATOLOGY BRANCH LIMFETAC AL- ACATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-1500

CEILING	-						VIS	IBILITY ST	ATUTE MIL	E5			• • • • • • • • • • • • • • • • • • • •			
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2;	≥ 2	≥1:	≥1.	≥!	ž.	٤,	≥ :	≥ 5 16	≥.	≥ 0
NO CEILING ≥ 20000											·		-		•	
5 ,900¢ 5 18000																
≥ 14000 2 +2000																
≥ 10000 ≥ 9000			•			:		 							,	
≥ 8000 ≥ 7000		!	•							-						
≥ 6000 ≥ 5000			75.7	78.3	79.7	р . в	81.4	61.6	87.	92.0	32.	92.1	87.1	62.	62.4	83.6
2 4500 2 4000			75.2	78.6	77.9	81.1	81.9	82.1	82.5	°2.5	62.5	92.6		22.6	62.9 84.2	24.1 55.4
. 2 3500 2 3000		;	75.7	80.1		83.0	84.4	83.9	84.3	84.3	84.3	84.4	84.4	84.4	84.7	35.9
2 2500 2 2000		·	77.8 72.4	81.4		84.2	85.5	85.2 85.8	85.5 86.2	95.5	85.5	85.7	85.7	85.7	85.9	87.1 67.7
≥ 1800 ≥ 1500			7:.4	82.0	83.3	84.8 85.0	85.5	35.8		86.2 86.4	86.2 86.4	86.3	86.3	86.3	86.5 87.2	87.7
≥ 1200 ≥ 1000			75.5	82.1	83.9	85.7	86.4	86.6	87.~	97.0 88.0		87.4 88.4	87.7 68.7		88.5	89.2 92.2
900 ≥ 800			77.3	62.7	84.9	86.6 86.6	87.4	97.6		88.7	88.7	88.4 88.4	68.7	1		95.2 93.2
≥ 700 ≥ 600			79.2		85.0 85.2		87.5	()	88 • 1 88 • 4	88.4	68.1 65.4	88.5	88.8	88.8	89.1 89.5	90.3
≤ 500 ≥ 400			79.3	83.3	85.7	87.4 87.9	88.1	88.6		89.2 90.0			9°.7 91.1	90.1	90.3 91.9	91.5
2 300 2 200			77.5 75.5		86.3 86.4	88.1	89.8	99.7 95.0	91.7 91.1	92.7	90.9	91.5 91.9	ł		92.8 93.5	
> 10C		1	70.5					90.0		91.1 91.2		92.2	ı		94.7	,

TOTAL NUMBER OF COSERVATIONS

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE CRECIETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATT AEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

-1505 LARACOZA AB SP

73-81

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3637-7677

CEILING							VI\$	IBILITY ST	ATUTE MIL	E5						7
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ :		≥11:	≥1.	≥1	≥ 4	≥ `•	≥ 7	25 10	٤.	≥0 !
NO CEILING ≥ 20000														<u> </u>		
≥ 18000 ≥ 16000																
≥ 14000 ≥ 12000				·												
≥ 10000														1		
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			7 .1	72.6	73.9	74.5	75.	76.3	76.5	76.6	76.6	76.8	77.3	77.9	77.9	85 .1
≥ 4500 ≥ 4000			70.7	73.3 74.4	-	75.2 76.5		77.1 78.3	77.2		77.7 79.			79.7 87.5		91.2 82.7
≥ 3500 ≥ 3000			72.7		77.1 77.7			79.8 30.9		80.5		80.7 82.7	81.2 82.4		82.7 83.2	64.1 65.4
≥ 2500 ≥ 2000			73.5 74.1	1	78.2 79.0	1	_	i	1 1			82.6 83.4	83.7 64.0	83.8	63.8	86.7 87.1
≥ 1800 ≥ 1500			74.3	77.4 77.6		8C.0		82.4		83.2 83.4				84.9 85.2	84.0	87.2 97.6
≥ 1200 ≥ 1000			74.5		79.8 83.1		81.6	_			84.0 84.5			85.9 86.3	95.9 86.3	
≥ 900 ≥ 800			74.6	78.4 78.5	80.4 80.5			84.J		94.8 94.9	84.8		85.9 86.7			88.9 89.7
2 700 2 600			74.8 74.8			81.7	52.9	84.6					86.3		87.2 87.8	
≥ 500 ≥ 400			74.9	79.1	81.3	82.8		85.9	86.7	87.3	87.4	88.0		89.8	97.2	62.6
≥ 300 ≥ 200			75.7 75.7	79.3	81.6	83.0	84.0	A6.1	86.8	87.8		88.7		93.9	91.3	
) 100 2 0			75.0			83.0			87.5						92.7	

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 1014 0-14-5 (OL A) mevious spirious of this folial and obsolets

GLOBAL CLIMATOLOGY BRANCH LOBERTAC AT REATHER SERVICE/MAC

ARASCEA AB SP

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST	ATUTE MILI	E 5					<u></u>	
PEET	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 7	≥1:	≥1.	≥1	≥ .	≥ •	≥ .	. ≥5 10	. 2.	≥č
NO CEILING ≥ 20000						1								•	•	
≥ 18000 ≥ 16000																
≥ 14000 ≥ 12000						1								•	-	
≥ 10000 ≥ 9000			!								-			-		
≥ 8000 ≥ 7000										-	1				-	
≥ 6000 ≥ 5000			53.8	63.1	55.7	65.7	66.7	69.7	7~.8	71.6	72.5	73.8	77.0	74.3	74.4.	76.1
≥ 4500 ≥ 4000			50.1		65.4		67.1	76.0	71.1	72.0	73.0	74.3	74.4	74.8	74.9 77.5	76.7
≥ 3500 ≥ 3000			62.5	66.4	68.7 69.3	69.7	71.3	74.3	75.4	76.4		78.8	79.2	79.7	79.3	
≥ 2500 ≥ 2000			62.2		70.2	71.3	72.8	76.0	77.2	78.3	79.4	8. 8	81.1	91.6	81.7	
≥ 1800 ≥ 1500			67.2		73.6		73.3		77.8	78.9	87.0		81.7	82.2	52.3 53.7	94.2
≥ 1200 ≥ 1000			62.2	66.1		72.4	74.2	77.6	79.2	80.4	81.6	83.2	63.7		84.3	36.1
≥ 900 ≥ 800			62.2	68.1	71.3		74.3	77.8	79.4	80.6	81.9	83.4	83.9	64.4		26.4
≥ 700 ≥ 600			62.2	68.1	71.6		74.9	78.6	80.9	92.1	83.4	85.1	85.7	86.4	96.5 87.7	98.3
≥ 500 ≥ 400			62.2	68.2	72.0		75.5		82.5	93.3	84.7	86.6	87.3		88.2	95.1
≥ 300 ≥ 200			62.2		72.0		75.6	79.8	82.3	83.7	85.1	87.2	88.1	89.2	89.3	91.8
≥ 130 ≥ 0			67.2	68.2		73.7	75.6	79.9	82.7	84.0	85.5	87.6	89.7	90.6		96.6

USAF ETAC 101 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRIPE

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATT "EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

11615 LARACOLA AB SP

73-61

12 0-1473

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST	ATUTE MILI	ES						
FEET	≥10	≥ 6	≥ 5	≥4	≥ 3	≥2:	≥ 2	≥1:	≥1.	≥1	≥.	≥ .•	≥ :	25 10	≥.	≥0
NO CEILING ≥ 20000																
≥ 18000 ≥ 16000																
≥ 14000 ≥ 12000			,		,											
≥ 10000 ≥ 9000			!		1										· · · · · · · · · · · · · · · · · · ·	<u> </u>
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			67.6	67.6	7 . 7	71.2	72.7	74.6	75.5	75.9	76.3	76.8	77.	77.1	77.1	76.0
≥ 4500			63.7	69.0					76.4				78.7		70.1	
2 4000		i İ	64.4	69.9	72.4	74.0	75.5	77.6	78.5	79.5	79.3	79.8	67.2		5 J. 3	A1.3
≥ 3500			65.4	70.9	73.8	75.3	76.8	79.4	60.3		81.1	81.6	82.7	82.1	52.1	F3.1
≥ 3000			66.5	72.3	75.3	76.9	78.5	91.1	62.	82.5	62.8	83.3	83.7	83.8	83.0	F4.8
≥ 2500			67.1	72.9	76.1	77.8	79.4	82.3	63.2	83.7	84.0	84.5	64.9	85.	85.7	36.3
≥ 2000			67.1	73.0	76.3	78.3	79.7	82.6	63.4	83.9	84.3	84.8	85.1	85.2	85.2	86.7
2 1800			67.1	73.0	76.3	78.1	79.8	82.7	83.6	84.0	84.4	94.9	85.2	85.4	55.4	96.3
≥ 1500		<u></u>	67.1	73.2		78.5	80.2	83.2	84.2	94.8	35.1	95.6	86.7		36.1	
≥ 1500			67.1	73.3		78.8			85.5	95.6	86.7	86.5	86.8		86.9	97.9
≥ 1000		ļ	67.1	73.3								86.8			87.3	£8.3
≥ 900			67.1	73.3		78.8		1	· ·		, ,	87.2	87.5	87.8	87.8	88.5
≥ 800			67.1	73.3						86.6		87.7				89.6
≥ 700			67.2			79.4	81.7		86.6			88.3				90.4
≥ 600		ļ	63	73.5		79.8					88.6	89.1			90.4	
≥ 500			67.2	73.6					87.9		89.1	89.6			91.1	
≥ 400			67.2						88.1	88.9	89.5		91.2		91.9	
≥ 300 ≥ 200			67.2			80.0			88.5		89.8	90.8		1	93.1	94.7
<u> </u>			67.2			80.0			88.5			91.4			93.7	
≥ 100		1	67.2	_					1	89.4		-	93.1	1 .		97.9
≥ °		L	67.2	73.6	77.6	80.0	82.7	87.3	88.6	89.5	90.2	91.9	93.2	94.9	95.3	1 70 • 3

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRIPTE

SE BAL CLIMATOLOGY BRANCH CONFETAC AID WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1508-1722

CEILING							viS	IBILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 ≒	≥ 2	≥1:	≥1.	≥1	≥ •	≥ .	. ≥ ;	≥5 10	≥ .	≥c
NO CEILING ≥ 20000		 												· · · · · · · · · · · · · · · · · · ·		
≥ 18000 ≥ '5000														1		
≥ 14000 ≥ 12000														1		
≥ 10000 ≥ 9000			1								-		·			
≥ 8000 ≥ 7000														1		
≥ 6000 ≥ 5000			6 ' . 6	70.8	73.8	75.2	76.5	77.6	78.1	78.1	79.4	79.5	75.7	79.3	79.3	79.5
≥ 4500 ± 4000			6 3 . 6	71.8	74.8	76.1 79.8	77.6	78.8		79.3	79.6	9 - 2 83-2	5~.2	87.5	57.5 53.4	83.6
≥ 3500 ≥ 3000			72.6				62.2	93.6 95.7	84.1	64.1 86.2	84.5 85.5	87.2	85.1 87.3	85.3 67.5	85.3 87.5	°5.6
≥ 2500 ≥ 2000		1	74.4	78 • 2 78 • 8		83.4	35.1 35.8	86.5			i	88.2				38 • 3 89 • 9
2 1800 2 1500			75.1 75.0	78.9 78.9	82.4				88.7	88.7	88.5 89.2		3	89.8		
≥ 120C ≥ 1000		í	75.7	79.0 79.0	83.2 63.2	i		88.6		89.2	89.7 69.8		97.7	1	91.0 91.2	91.3 91.4
> 900 ≥ 800			75.1 75.1	79.0 79.0			36.9 36.9	1	1		89.8				91.3	
≥ 700 ≥ 600			75.2 75.2			85.6 85.7					90.9 91.4		92.1	Į.	, , ,	1 (
≥ 500 ≥ 400			75.2 75.2		83.9 83.9	85.9 85.9		89.9	91.2		92.2		1		93.6	94.8
≥ 300 ≥ 200			75.2 75.2	_		85.9 85.9	,	–	91.6 91.6		92.7			95.3 96.2	96.7	
≥ 100 ≥ 0		1	75.2			85.9 85.9	t i	90.1							97.3 97.6	

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

4

SLEBAL CLIMATOLOGY BRANCH USEFITAC A. FEATHER SERVICEZMAC

CEILING VERSUS VISIBILITY

STATION STATION NAME

73-61

25.5

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1870-700

CEIDING							V15	BILITY ST	NTUTE MILI	ES						•
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ ?	≥ 1 g	≥1.	≥1	≥ .	≥`ı	≥ :	≥5 16	≥ .	≥ 0
NO CEILING ≥ 20000								:			•					
≥ 18000 ≥ 16000							į								-	
≥ 14000 ≥ 12000						i										
≥ 10000 ≥ 9000									į	ļ						
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			77.1	73.3	75 .5	77.2	77.8	7ê.9	79.4	79.5	79.6	8.3 • 1	87.1	60.3	89.X	٤ - د
≥ 4500 ≥ 4000			71.7		77.1 78.8		79.4 81.3	82.5 82.5	1	81.1 53.4	81.2 83.5			81.9 64.2	81.9 34.2	62.7 84.3
≥ 3500 ≥ 3000			74.4	79.7			•	84.3	85.1 87.1		;	85.8 87.9		86.5	85.7 88.1	
≥ 2500 ≥ 2000			76.5 77.1	87.5 81.2			1	87.4 88.3	88.2 89.2	88.3 89.3	38.5 89.4			89.2 90.7		
≥ 1800 ≥ 1500			77.1 77.1	81.2 81.2	84.2 84.3			88.3 88.6			89.4 89.7		_	90.2	97.2	90.3 03.5
≥ 1200 ≥ 1000			77.1	91.7 81.8	84.8 85.2			89.2 89.8			90.3 90.9				91.7	91.1 91.7
≥ 900 ≥ 800			77.1	81.8			l 1		90.9 91.4		91.1 91.6				1	
≥ 700 ≥ 600			77.2	81.9			88.8		91.7	91.9	92. 92.	92.5	92.5		92.7	
≥ 500 ≥ 400			77.4	82.2	86.0	88.1		91.0		92.4		93.1	93.1	93.3	93.3	
≥ 300 ≥ 200			77.4 77.4	82.3	86.2	- 1	89.3 89.3			92.8	92.7 93.1	94.2	94.3		94.5	
≥ 100 ≥ 0			77.4				89.3				93.2				95.4 95.6	

USAF ETAC 101 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIPAL CLIMATOLOGY BRANCH ATE ASATHER SERVICE/MAG

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							vis	BILITY ST	ATUTE MIL	E5						
FEET	≥ 10	≥6	≥ 5	≥4	≥ 3	≥2:	≥ 2	≥11;	≥1.	≥≀	≥	≥.•	r ≥ :	, ≥5 10	≥.	≥:
NO CERING ≥ 20000																
≥ 18000 ≥ 18000					!									:		
≥ !4000 ≥ :7000																
≥ 10000 ≥ 9000														1		
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			75.3	78.9	83	31.	ä1.1	81.5	41.7	81.7	£1.8	61.8	61.8	52.1	82.1	27.5
≥ 4500 ≥ 4000	-		75.8	79.4 80.9	83.7	81.5					87.3		92.3	52.6		
2 3500 2 3000			79.1	81.0	82.4	83.3	63.4 84.5		84.4	84.4	84.5	84.8		85.2		66.7 E6.3
≥ 2500 ≥ 2000			70.3	82.3		84.6	64.7 85.4		65.7 86.4	85.7 86.4	85.8 86.5	86.2	1			
≥ '800 ≥ '500			8 . 3	93.4 83.6		85.8	- 1	86.4 86.8	86.9		87.0	97.4	!	87.7		
≥ 1200 ≥ 1000			87.5 87.7		1	85.6			87.8 88.3		88.1 38.6	88.3		88.7	88.7 89.4	89.7
2 900 2 800			8n.9		86.2	87.1	87.4 37.7	38.1 88.4	89.2	88.9	89.7 89.4	89.4 89.8		89.8	89.9 97.3	91.2
≥ 700 ≥ 600			81.3	55.0 35.1		37.7 87.8		88.7 88.8	89.4 89.5			91.0	90 • 1 9 ` • 3		1	
.≥ 500 ≥ 400			81.6		1	88.3	38.2 88.6				92.0 91.1	90.4 91.5				91.3 92.9
≥ 300 ≥ 200			61.6 81.6		67.8 87.8		89.4 89.5	90.4 90.5			92•2 92•3		•	92.9 93.4	93.1 93.5	
≥ 100 ≥ 9			81.5 81.6	1	87.8			90.5 90.5		91.9	92.4	93.0			93.9	

TOTAL NUMBER OF OBSERVATIONS.

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLIBAL CLIMATOLOGY BRANCH LIMITETAC AT ASATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEUNG							VIS	BILITY ST	ATUTE MIL	ES						
FEET !	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2.	22	≥1:	≥١.	≥1	≥ •	≥ .	≥ :	≥ 5 16	2.	≥c
NG CEILING ≥ 20000	··									-			-			
≥ 18000 ≥ 6000			! !								:			-	-	
≥ 14000 ≥ 12000						!				· · · · · · · · · · · · · · · · · · ·				•	·•	
≥ 10000 ≥ 9000			! !	!									:		· · · · · · ·	
2 8000 2 7000			:			!							•		·	
≥ 6000 ≥ 5000			6 - 6	73.	74.8	75.8	76.5	77. R	79.7	70.5	78.7	79.1	73.2	79.5	73 5	35.6
≥ 4500 ± 4000			7 . 3	73.6	75.4		77.3		79.1	79.3		80.0	80.1	50.3 52.4	20.4 27.4	51.4 67.5
2 3500 2 3000			72.5	76.2		79.3		91.7	83.5	P.2.5	82.8		83.4	83.7		56.1
≥ 2500 ≥ 2000	-		73.7 74.1	77.7	79.9	81.2	82.1	93.6 84.3	54.3	84.6 85.2	84.8	85.3	35.5	85.8 86.5		96.9
≥ 1800 ≥ 1500			74.7	78.4 78.4	8 .6	82.3	82.9	84.5	85.1 85.5	85.4 85.8	65.7 86.1	86.2				
≥ 1200 ≥ 1000			74.4	78.7 78.9	81.3	82.7		85.4 85.8	86.1	86.4	86.8	87.4	87.7	68.7	88.5	89.1
≥ 900 ≥ 800			74.5	78.9	81.6	23.1	84.2	86.0	86.7	87.1 87.4	87.4	98.	88.3	89.6	88.7	89.8
≥ 706 ≥ 600	i		74.6 74.6	79.1	82.1	93.5	84.7	86.6	87.5	37.8	68.2 88.6	88.9	89.2	89.6 97.1	89.7	98
≥ 500 ≥ 400		·	74.7 74.9	79.4 79.5	82.4	84.0	85.2	87.2	88.3	88.7	89.1	89.8	97.2	92.7	97.7	91.9
≥ 300 ≥ 200			74.8 74.5	79.6 79.6	82.7	84.5		87.9 88.0	89.1	89.7 89.9	97.2	91.2		92.3 93.7		94.1
≥ :00 : ≥ 0			74.8 74.8		82.8 82.8			88.0 88.0	89.3	93.D 90.1		91.7	92.6	93.6		°7.7

USAF ETAC 100 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

CL PAL CLIMATOLOGY BRANCH COMMETTAG ATT ACATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	18ILITY ST.	ATUTE MIL	ES						
FEET	≥10	≥6	≥5	≥ 4	≥ 3	≥2:	≥ 2	≥1;	≥1.	≥1	≥ 4	≥`•	≥ .	≥5 16	2.	≥ ¢
NO CEILING ≥ 20000		1				í										
≥ 18000 ≥ 16000						!										
≥ 14000 ≥ 12000		:													:	
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000			84.4	97.3	88.4	89.	89.4	89.3	91	90.3	90.4	90.5	90.5	90.6	07.4	5 14 9
≥ 4500 ≥ 4000				37.9	9.6	89.6	90.0	90.5	97.8	95.9	91.0	91.1	91.2	91.3	91.3	
2 3500 2 3006			67.9		91.4	92.7	92.4	93.3			93.5				93.9	94.1
2500 2000		1	69.7		92.8			94.6 95.2	94.9		95.2 95.8			95.5 96.1		95.8
2 1800 2 1500		1	89.6	92.0	93.4			95.3 95.5	95.6 95.8		95.9 96.2				96.2 96.5	96.5 96.8
± 1206 ≥ 1000			88.8	92.3 92.4		94.5 94.7			96 • 1 96 • 3	1	96.4 96.7	-	l.	1	95.8 97.1	
≥ 900 ≥ 800			88.9	92.5	94.1	94.7		96.1	96.4	96.7	96.8	97.0	97.0	97.1	97.2	97.5
≥ 700 ≥ 600			89.0	92.5	, 1	'		96.3	96.7	97.	97.1 97.2	97.3	97.3	97.5	97.5	97.8
≥ 500 ≥ 400			82.0 89.0	92.6	1 - 7	,		96 • 5 96 • 6		1	97.3			,	1 1	98.1 98.4
≥ 300 ≥ 200			87.0 87.0		94.2					,	97.6 97.6		ı	ì	1 '	
2 100 2 0			89.7		94.2	95.1 95.1					97.5					

USAF ETAC TOTAL 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSCIET

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and vet-bulb temperatures, dev points, and relative humidity. The order and manner of presentations follows:

- 2. Cumulative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

MOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from bourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

- Extreme values derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTES) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.
- Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

B - 1

- 3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

 This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.
 - NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.
 - b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dev-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2) , sums of values (ΣX) , means (X), and standard deviations (Gx). The number of observations used in the computation for each element is also shown.
 - e. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dev-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.
 - MOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dev-point temperature and relative humidity are with respect to water, unless otherwise indicated.
- 4. Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables: DRT-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
- 5. Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
C81605 ZARAGOZA AB SP
STATION STATION NAME

DAILY TEMPERATURES

57-74, 79-81

VEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM DAILY OBSERVATIONS)

MAXIMUM

	TEMP (*F)	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP.	ОСТ	NOV	DEC	ANNUAL
2	105							• 2						. 3
≥	100						1.9	3.1	2 • 4	• 7			_	. 7
≥	95					• 2	6.0	19.6	13.9	1.5			_	3.5
2	9 0 _					3 • 7	18.4	43.B	36.1	11.3	• 2		_	9.7
≥	85			• 2		10.7	32.1	62.5	55.6	28.0			_	16.0
≥	30 _			• 3	1.8	23.8	54 . 2	63.3	77.6	51.0	6.3		_	25.2
≥	75]			2.4	9 • 5	41.9	75.4	95.3	96.3	72.8	19.1	• 2	_	34.8
≥	75]		. 9	9.7	25 • 1	66.0	92.3	99.5	99.7	90.2	44.9	1.8	•2	44.5
≥	65 ີ	. 3	5.0	22.6	47.0	84.0	98.6	100.0	99.8	97.3	66.9	7.7	1.2	52.8
≥	60	7.1	20.9	49.9	74.7	96.9	99.8		100.0	99.7	88.7	31.2	9.2	65.€
≥	55]	27.4	51.2	75.4	91.6	99.5	100.0			100.0	97.1	62.7	27.9	77.7
≥	50	56.0	77.0	92.9	98 . 1	100.₫					99.8	84.7	56 • 2	88.7
≥	45	81.5	91.2		100.0						100.0	96.1	79.8	95.5
≥	4 0	91.2		100.0						•		99.0	90.0	98.2
≥	35	96.8	99.6		·		1			•		99.8	97.2	99.4
≥	30	99.8	100 d	•			- +		•			100.0	100.0	100.0
≥	25	100.0								•		•		100.6
≥				•	•									
≥					•				•	-+	•			
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	MEAN "	50.0	54.	59.5	64.5	73.4	80.9	87.3	86.0	79.5	68.1	56.2	50.0	67.5
	S D	7.153	6.762	7.236	7.158	8.304	8.392	7.463	7.204	7.809	7.053	6.591	7.306	15.181
	TOTAL OBS	588	535	589	570	589	57d	616	620	600	619	608	642	7146

USAFETAC FORM 0-21-5 (OL A) NEVIOUS EDITIONS OF THIS FORM ARE ORBOLETE

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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC ZARAGOZA AB SP STATION NAME 061605

STATION

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DAILY TEMPERATURES

57-74, 79-81

MINIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

TEMP (OF)	JAN	FEB.	MAR	APR	MAY	JUN	Jüt	AUG	SEP	ОСТ	NOV	DEC	ANNUAL
75							• 5	•3					•
7 0 -	•	•	•	•	•	3.5	6.8	7.9	.7	•	•	-	1.
65 *	•	•	•	•	. 5	10.0	35.4	34.7	11.7		•	•	7.
60 -	•	•	.3	.2	7.8	42.5	79.5	80.3	42.5	4.2	•	•2"	21.
55 °	•	. 4	2.0	3.7	32.8	80.2	98.9	97.7	77.2	26.5	• 8	.8	35.
50 1	1.7	2.4	10.2	23.9	72.5	96.5	100.0	79.8	95.2	56.7	11.D	3.6	48.
45 -	12.8	15. J	34 .6	66.D	93.7	99.8	•	100.0	99.8	84.5	36.5	18.1"	63.
43 -	32.8	36.6	61.3	86.5	98.3	100.0	•	•	100.0	94.2	63.3	42.7	76.
35 "	61.7	71.8	85.7	97.0	99.8		•	•	•	99.4	88.3	68.2	89.
33 "	71.3	85.0	91.0	99.I	100.0	•	•	•		100.0	97.4	75.1"	92.
39 1	84.7	92.7	95.8	99.8	•	***	•	-	•		97.0	86.6	96.
2 5 -	98.5	98.7		100.6		•	•	•			100.0	95.5	99
20 -	99.7	99.8	100.0		•		٠	+		•	,	99.2"	99.
15		100.0			•		- +	· · · · · ·		•	•	100.0	100.
10 -	100.0						•			- +			100.
	20000	• · ·	- •			•		+	·		_· ·		
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MEAN	36.6	37.8	41.3	45.7	52.1	58.6	63.3	63.2	58.5	50 • Z	41.8	37.7	48,
5 D	1				5.368		4.070	4.274	5.238	5.937	6.113	7.236	11.26
TOTAL OBS	588	535	589	570	589	570	616	620	600	619	608	642	714

USAFETAC FORM 0-21-5 (OL A)REVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLGBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
CR1605 ZARAGOZA AB SP
STATION NAME

DAILY TEMPERATURES

57-74, 79-81

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MEAN

TEA	MP (*F)	JAN.	FEB	MAR	APR	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	90								• 2	+				•
	85				_		1.6	3.2	3.7	• 3				•
	80				•	- •	7.4	24.2	19.4	3.0	. •	•	-	4.
	75	•	•	•	•	4.1	23.3	57.8	51.5	21.2		•	-	13.
	70 ~	•	•	• 3	•	15.8	51.1	86.2	83.7	48.2	2.4	•	-	24.
	65 "	•	•	1.2	4.2	39. a	80.9	98.7	98.9	77.7	20.2	•	• 3 -	35.
	60 "	•	. j	6.6	22.3	69.4	96.5	100.0	99.8	95.2	52.5	2.5	•6	45.
	55 "	2.9	6. Ú	25.3	59.3	92.9	99.8	•	100.0	99.7	79.3	18.4	5.1	57.
	50 -	17.9	29.3	58.4	85.4	99.3	100.0	•		100.0	95.3	49.7	20.2	71.
	45 "	47.6	63.2	85.4	97.5		•	•	•	T 4.5 T.T.	99.7	82.2	51.9	85.
	40 ~	74.8	88.6	97.5	100.0			•	•		100.0	95.4	75.1	94.
	35	90.5	98.1	99.3			+	•	•	~		99.0	89.9	98.
	30	98.6		100.0	•	•	4	•	+	** *	· · · · · · · · · · · · · · · · · · ·	100.0	98.D	99
	25	100.0		_,,,,,,,	•	•	- •	- 🕶	*	+			99.8	100.
	50	10004				-	•		· - · -	• •	•		100.0	100.
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	MEAN "	43.6	46.2	50.7	55.3	63.0	70.0	75.5	74.9	69.3	59.4	49.3	44.1	58.
			2 40 4				6.231	5.203						
	50 "	6.282	5.658	5.949	5.343	6.063	0.231	2 • C U 3	5.198	5.823	5.621	5.584	6.806	12.87

USAFETAC FORM 0-21-5 (OL A)REVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

EXTREME VALUES

HAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

DE1605 ZARAGOZA AB SP.
STATION STATION NAME

57-74, 79-81

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	ALL MONTHS
57	·····						94	102	92	75	67	56	
58	64	71	72	8 3	93	92	104	100	96	8 1	68	64	100
59	66	62	71	74	79	95	100	94	86	77	63	64	100
60	62	71	73	75	90	95	96	97	90	76	69	5 5 _	
61	60	69	75	78	92	98	102	97	94	i. s	64	64"	102
62	63	60	70	78	90	95	100	99	95	8 1	63	62	
63	57	57	72	75	83	94	99	91	82	77	75	58	. 1 <u>0</u> (
64	54	64	69	78	91	94	99	98	100	7 9	65	5.8	109
65	60	59	79	73	95	104	99	104	89	76	65	67	10
66	6.3	65	67	8.0	87	91	99	102	101	8 4	* 60*	65	10
67	# 64	68	77	75	90	95	109	102	93	8 2	68	59	10
68	59*	63	72	77	84	102	100	95	8.8	8 4	64	63	103
69	64	61	68	79	84	95	102	99	84	75	68	61	10
70	59	63	73	84	90	95	99	99	95	84	73	59	90
71	64	68	63	75	84	95	99	100	91	8 1	64	61	100
72	57	63	72	81	91	91	93	93	81:	75	70	55	9:
73	61*	63	70	84	93	95	100	99	91+	77	70	61	100
74	64	61	75	81	88	90	102	97	88	75	66	61	10:
79									1		* 61	64	
80	66	66	77	77	81	93	102	100	93	9 d	66	63	$\frac{100}{100}$
81	64	66	86	77	90	102	100	95	90	8 2	73	72	10
		-											
MEAN	61.5	64.4	72.7	78.1	88.2	95.3	100.2	98.2	91.0	79.7	67.4	61.4	100.
S. D.	3.348	4.152	4.978	3.332	4.451	3.787	3.190	3.329	5.306	4.137	3.548	4.120	2.79
TOTAL OBS.	588	5 3 5	589	570	589	570	616	620	600	619	608	642	7190

NOTES + (BASED ON LESS THAN FULL MONTHS)

E CAT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH USAFETAC. AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS:

CE1605 ZARAGOZA AB SP

57-74, 79-81

WHOLE DEGREES FAHRENHEIT

MONTH:	JAN.	FEB.	MAR.	APR	MAY	JUN.	JUL.	AUG.	SEP.	ост	NOV	DEC.	ALL MONTHS
57				+			58	57	47	4 1	26	27	
58	26	30	30	34	44	52	5.3	56,	58	4 1	34	35	26
59	31	30	38	40	44	52	57	58	56	42	36	34	<u>.26</u> 30
60	22	30	40	39	45	54	56	56	47	4 1	3.3	31,	. 23 20
61	28	33	33	41	45	50	57	54	55	4 3	37	20	20
62	29 23	30	23	34	44	47	58	58	49	46	27	16	
63	23	16	32	30	91	52	57	52	50	3 7	33	20	16
64	22	26	25	34	46	55	61	60	53	36	30	23	22
65	27	26	28	42	98	52	57	5 5	50	4 ó	25	33	25
66	31	37	30	43	46	58	57	59	45	3 6			. 26
	* 23	27	30	28	34	46	61	50	48	37	34	21	21
68	25*		28	36	39	48	54	5.5	45	37	34	30	25
69	25	25	32	34	39	48	54	5 5	46	36	25	19	19
73	25	28	23	30	36	55	54	55	48	34	36	21	21
71	14	28	21	37	37	41	57	45	48	4 1	30	19	14
72	27	28	32	37	39	45	54	52	4.5	37	27	30	21
73	25*	23	27	34	41	52	55	59	484	1	30	19	19
74	27	28	23	37	41	48	54	5.2	41	34	32	28	2:
79	1		_ 1					1	_		27	28	
80	21	28	32	37	46	4.8	54	61	54	39	34	27	21
81	28	28	32	39	43	52	55	59	46	41	30	30	21
										j			
MEAN S.D.	25.7 3.896	28.1	29.4	36.1 4.108	42.0 3.873	50.3	56.1 2.297	55.4 3.858	49.0	39.3 3.544	31.2 3.824	25.6 5.853	22.4
TOTAL ORS.	588	535	589	570	589	570	616	620	600	619	608	642	7146

USAF ETAC POM DASS (OEA.)

& CAT LEAST ONE DAY LESS THAN 24 OBS)

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STATION		- 430	ZA A		TATION N	AME				73-8	1			YE	ARS					MON .	
																		PAS	1	HOURS (L	
Temp.						WET	BULB	TEMPERA	TURE	DEPRES	SION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14 1	5 - 16	17 - 18	9 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	= 31	D.8./W.8.	Dry Bulb	Wer Bulb	Dew F
- 1 61							•••						1	:				1	1		
/ 59			i		. 11	į		1 1	j				•	1	i i			3	3		
= / 57	1			. 4														3	3		
5 / 55	}		1	1.7	1	. 4				1					1			12	12		
4/ 57			• 7	1.6	. 4		-			-				1				22	22		
7/ 51			1.2			1							ł L	1				23	23	11.	
τ / μ.		• 0	?•"	1.0	i .				1					T	i			3.8	59	21	
1 47	?	1.9	3.	2.0			<u>. </u>	•	.——-i					· 	ii			5.9	61	15	
6 / 45		-	2.9					:	,	T				:				24	8.5	51	- 4
4/43			3.2			. 1	·	: +						•———	<u> </u>	~	L	9.2	94	78	
2/ 41			4.7			. –	1			- 1) T			123	125	c 5	•
4 / 74			5.2			<u> </u>	<u> </u>	 	;				:	·	1			104	1 34	171	
7 / 37			2.4	. 7			1	1 :	1	i								67	67	116	•
7 / 35			1.7	. 9	į	L		<u></u>						i				58	59	3.5	
3 / 73			. 9		i !	! !			1									4.5	45	77	7
/ 31			1.4	. 2	L	<u> </u>		·							·			44	44	5.5	1:
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TOTAL	17.3	70 0	22 0	1 7 7		• 5	 ,	 							 			 			-
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Element (X)		Σχ'			Z X	<u> </u>	<u> </u>	 	 1	No. Obs				لــــــــــــــــــــــــــــــــــــــ	Mean N	o. of He	wre wit	Tompore	vre		
Rel. Hum.		516	9.76		635	66	79.2	23.07	7	8 0	3	10		2 P	* 67		73 F	- 90 F	- 93 /	T	erel
Dry Bulk		142	1673		335			6.43		8 1	2			9.0		1			1		
Wat Buib			\$764		309			5.63		8 0				13.7		1					
Dew Paint		101	3027		280	87	35.0	6.17	B	80	3			34.5		1					

SELBAL CLIMATOLOGY PRANCH Endrectag Athresiservice/Mag

STATION	CA PAGOZA AB SP	73-81 YEARS	JAN MONTH
		FAGT 1	7370-7507

Temp.										E DEPR								TOTAL		TOTAL	
(F)	0	1.2	3 - 4	5 - 6	7 - 8								23 - 2	4 25 - 20	27 - 2	8 29 -	30 - 3	0.8./W.8	Dry Bulb	Wer Bulb	Dew P
7 57			-	• • •			-	 	1	1	1		1	1		_		7	7		
5 / 55			.1	• 5		• 1	- 1		1	1			•	1	1	1	1	6	. 6		
6/ 53			<u> </u>	. 4	. 7	• 1				1	†		1	+	•	-		14	14		
.27 51			1.1	. 0	. 4	1		ļ	j	1	į		1)	1	1	3	1 19	19	3	
c / us		• 5	1.4	1.1		+		+		1	1	 	 	+	1	 -		24	25	16	
1 47				1.5				!		i		!	ļ	1		1		34	34	2.2	
1 / 45	.5	3.8	2.6	3.4	• 5	• 1	+		-	i	1	+		1				89	97	56	1
14/ 47	. 5	4.9	2.6	6						1				1		i		70	72	45	
12/ 41	1.8	9.6	4.5	1.1	. 7			+	_+					-				139	141	0.	-
5 / 3 0	1.4	5.9	2.8	. 9						i					-	1		89	39	1~4	6
~ / 77	1.2	5.2	2.5	• 5	-	+					+	-+		+	+	+	-+	76	77	99	1:
1 7 35	1.2	3.8	2.2	• 1	i -		1				1		1	1		1	1	€ 0	63	93	
2-1 27	1.7	4.6	2.2	. 4				† 			+							73	72	8 T	- (
" / 31	1.	2.8	1.1					1					i	,				4 <u>Ç</u>	4.2	78	
7 72	1.1	3.7	5				+		-	+		1		+				43	43	56	
1 27	1.7	• 5				:			i	1			;	i	1			12	12	28	
7 / 5	• \$	•1				•							+		†			8	9	12	
^ / 23	1.1	• 1				:			1	1				1	1			1.0	17	15	
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		L	<u> </u>	1	<u> </u>		· -				1				i		1.		i		
Element (X)		Z X'			ZX		Ţ			No. O					Meen	No. e	Hours	with Tempers	tyre		
Rel. Hum.			4921	ı	654	- 1	85.6				17	5 0	F	1 32 F		7 F	× 73 (+ 80 F	- 93	F	Fetal
Dry Bulb			52.4		325		-	5 6.	- 1		19	1		12.5							
Wet Builb			9614		31.3	- 1	37.				12			21.1						T	
Dew Point		96	9044		275	90	34.0	1 6 .	242		12			38.5	1						

GLERAL CLIMATOLOGY BRANCH UTATETAC AIF REATHER SERVICE/MAC

1635	<u>- </u>	RAGO	_ A A		TATION NAM	E			73-81		YE	ARS				MOI	17 H
						-								PAS	1	TETT.	<u>- 7855</u>
Temp.									DEPRESSIO					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8 9	- 10 11 - 1	2 13 - 14	15 - 16	17 - 18 19 -	20 21 - 22 23	- 24 25 - 26	27 - 28 29	- 30 = 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
- / 57			:		• 2			i					1	: 2	21		
5 / 55		i	. 4			.1	·							9	<u> </u>		
-/ 53		1	• 2			• 2	4	1		i i		, [12	12		
1/51			.6					i						14	14	3,	
1 49		-	1.1		.			,					•	?1	21	13	
- / 47		. 4		1.8						_ -			+	24	26	20,	
. / 45		. 3.7				• 1			į				1	91	92	33	2
4/ 43	1.		1.5			• ?	·			· 				54	5 5 .	66	
2/ 41	1.	8.8	- • .					i	:			1		128	137	04	7
/ 70	1.7	,	4.7	• 5										97	98	91	
3 / 37		3.2					•							61	61	99.	
7 35	1.	5 . 3		4										66	56	76	
3 / 33		3.9			l .				,		:			60	60	89	8
77/ 29		5.1										 		70	71 57	<u>78</u>	e 7
		5.0			!						·				-	9.2	
/ 27		1.3		•						-+	+			28	28	11	7 5
24/ 23	• 5						1 1						1		•		
2/ 21	1.3			•—						+	+			14	14	$-\frac{14}{1}$	<u> </u>
1 19	• 1													1	1	. 1	1
1 17		•	+		·+-		++				-			+			
	14.2	47.2	26.1	1 5	1.2	7	1							1	924		81
			2001				+	i		++				816		816	<u></u>
								i						1 0.0		010	
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			L		<u>. </u>	<u></u>	1							_ii		1	
lement (X)		Z X'			Z X	X	· · · · · · · · · · · · · · · · · · ·		No. Obs.			Mean No.	of Hours w	th Temperat	VI-0		
tel. Hum.			4 53		5660		612.52		816	± 0 F	1 32 F	≥ 67 F	+ 73 F	▶ 00 F	- 93 1	1	letel
Dry Bulb			6987		3195		8 6.74		824		27.1						9
				ſ	2976	SI 74	5 5.93	tni 🗀	916	1	26.4	1	1	1	1	1	9
For Bulb Dow Paint			4387 6845	<u> </u>	2716		3 6.29		816		43.1		.		.		9

SUCRAL CLIMATOLOGY BRANCH USAFOTAC AT WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

51	ATION	<u>~</u> _	FASO	ZAA		TATION N	AME				73-3	3 1			YE	ARS					Moi	ITH .
																			PAGE	!	HOURS II	-110 s. t.
	mp.					,					DEPRES								TOTAL		TOTAL	
	(F)	0	1.2					11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24 25	- 26	27 - 28 29	9 - 30	- 31	D.B./W.B.	ory Bulb	Wet Bulb	Dew P
	59		1	:	•]				: 1		1] ;	;					4	. 4		
	57		<u> </u>	└ ~~	. 7		• 2	+					++						13	<u> 1구</u>		
	, -5 , =3	7	1	. 1			1				1		i '								_	
	/ 51		+		1.1		• 1				+		+						53 -	50	<u> </u>	
	/ 14 G	i		1.1							1			1	- 1				2.3	-	•	
	/ 47			1.5				• 1			+								47	79	$-\frac{11}{31}$	
	/ 45		3.2	,	2.7														93	95	57	3
	/ 43		3.5					+											73	73		
	/ 41		7: 7.2						:		1								177	139	- G	6
	70		4.9						.						+				-7	77	27	
	, ,,		2 . 3				1	1							i				, i	54	107	7
~			3.8	L							+								49	40	76	
	/ 33	_	3.3		-														5 ^	67	-	ç
	/ 31		14.					.			+				+				<u> </u>	40	71	
	/ 25	_	3.9						į į		,								42	42	•	
	7 27		1.0		<u> </u>				+										13	13	72	
	, ž5		• 2				i	!	1 1		Ĺ				1				14	14	16	9
	7 23				•						++							~+	9	9	5	
- 2/	/ 21		1					:	: 1		1						,					
	7 7 3	+		:			+	!	+!		++						+					
. /	1.7		1	1		•	Í		;		1 1						•					
111	L	17.	39.3	27.2	14.6	6.4	1.2	• 1	1		1		+				+-			933		9 2
		!	1			i	•				1 1		. ;		1		- 1		824		8.24	
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		<u> </u>	<u> </u>					<u> </u>														
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			ن					ــــــــــــــــــــــــــــــــــــــ			<u> </u>											
	ent (X)	-	2 2 1	2816		ZX	E /	X	7.0	-	No. Obs								Temperati			
Rel. I				6014 6640	1	546 738	1		14.1		52	1	: 0 F		. 7	# 67 F	-7	3 F	• 80 F	· 93 1	-	rotal S
Dry E				3426	1	310			6.0	- 1	82	- 1		ł	1.8					 		——- Ş
Wet E		+		7952		279			5.1		82	- 1			9					 	-	
Den.	Peint		7 (1736	<u> </u>	417	30	7 0 0 7	0.1		0 2	٠- ا		1 30	• •					ــــــــــــــــــــــــــــــــــــــ		

C roam 0.26-5 (O), A) sevisto retirous torror

GLIRAL CLIMATOLOGY GRANCH OTITITAC AI: AEATHER SERVICE/MAC

STATION	_12-A00_	A A3 5	STATION NAME				73-61			YE	ARS				JA	TH
													PAGE	1	1270-	14
Temp.							DEPRESSI						TOTAL		TOTAL	
(F)	0 1 - 2	3 - 4 5 - 6	7 - 8 9 -			15 - 16	17 - 18 19	- 20	21 - 22 23 -	- 24 25 - 26	27 - 28 29	- 30 = 31	D.B./W.B.	Dry Bulb	Wet Bulb	De w
4/ 63				•1, •1	• 1						, i	!	11	11	•	
/ E1				•1; •1			· 	+					+7.	7		
/ 59			7, 1.1 1.		y • 3								7.3	33		
7 57			4 1 . 1										27	<u> 27.</u>		
5 / 55			5 7.9 2										49 51	51	1	
5/ 53		.5 1. 1.3 2.		.7.	<u>1</u>		•						72	<u>53.</u> 72	- ?2. 18	_
τ / μc					1								= 1	ê 3	42	
1/ 47		2.2 3.		. ?	<u>=</u> <u>+</u> .			-			•		9.2	84	78	
4.7 45.	•1 3.3			.4 .3	•								1^9	117		
:4/ 43	.6 7.4						+ · · ·						66	66	179	
17/41	.4 3.4	3.6 1.	9 .2	• 2	+	.	•				•		A1.	81	119	
L / 15	.1 2.2		9 .2										41	41	9.3	t
' / 37	.6 1.9		2 •:								•—-			<u> </u>	7.	
7: / 35	•5 1.6	• 5											21	21 19	53 43	
1 / 13	1.6 .5	• 2			+		·				•		25	25	34	
7 2 -	9 .7	• 1											13	13	18	
21 27	• 6									1	· · · · · · · · · · · · · · · · · · ·		5	5	6	_
7// 25	• 2		1									<u> </u>		2	? .	
1-1 27					•=		, +-			1						
2/ 21	i										<u> </u>	-+-	+			
1 / 19	1						í	:	1		ĺ					
1 / 17							•		+-		 		 			
TOTAL	6.321.41	9.221.	310.619	-6 1-9			,	i				1	:	P 34		
			312 - 301					+					823		823	
					1 .						L _ L		<u>i</u>			
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i.				1			1 ,		i			:				
	+ +		+		 		 				└	-+	 			
					!		1 1		!				1 1			
Element (X)	2 X'		ZX	X	•		No. Obs.	T			Mean No.	of Hours wi	A Temperet	yr 4		
Rel. Hum.	410 á		56468		16.7		823	_	± 0 F	1 32 F	± 67 F	• 73 F	- 80 F	• 93 F	1	etel
Dry Bulb	1857		38951		7.5		834			5.				 		
Wet Bulb	1457		34321		5.6		823			5 . 8			 	-		
Dew Peint	1092	214	29560	35.9	6.0	/1	823			27.9	<u> </u>			1		

SLIBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

C-1505 LAPAGOZA AB SP

Zg* 32176

2145233

1569492

1125609

Zx 52234

47779

35698

30017

8 63.416.38E

49.2 7.772 43.3 5.281

36.4 6.258

PSYCHROMETRIC SUMMARY

JAN

33

TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. Dry Bulb Wer Bulb Dew Point 61 65 4/ 63 1.3 1.0 / 5! 79 29 1.3 1.9 .5 1.3 1.9 .1 1.9 1.6 2.7 .5 1.1 3.7 2.5 __• 5 • 5 41 41 5.7 56 • 1 56 r / c5 __. 4 € 6 65 = 3 57 69 27 51 93 74 1 1.3 1.5 5.2 1 1.5 2.7 1.7 3.7 1.5 2.7 1.7 3.7 1.7 1.5 2.3 .7 1.7 3.6 .6 .5 1.9 1.7 .4 .2 / 43 45 ۶.6 96 / 47 87 ₹<u>1</u> 40 91 127 59 179 5.1 47 43 53 41 65 111 118 . 21 65 4 / 30 .6 1.9 1.3 37 86 37 •1 •5 •2 1•2 Q 3 / 37 9 53 75 12 111 • 1 14 14 1/ 31 76 46 ~ / 27 23 2.5 <u> 4</u> 3 1 23 13 1: 1 / 15 1:/ 13

No. Obs. 8 2 4

827

8 2 4

73-81

REVISED MEVIOUS EDITIONS OF THIS FOUN ARE OBSCIETE 0-26-5 (OL A) 102

Element (X)

Rel. Hum.

Dry Bulb

Dew Point

٠,

± 32 F

1.6

2.6

23.1

= 67 F = 73 F = 80 F = 93 F

GEORAL CLIMATOLOGY BRANCH LEFFETAC ATT ABATHER SERVICT/MAC

PSYCHROMETRIC SUMMARY

STATION			STATION N	AME						,	EARS				₩0	MIH
													P 4 3 9	•	1570 HOURS	
Temp.				WET	ULB TE	MPERATUR	E DEPRESSI	ON (F)					TOTAL	_	TOTAL	
(F)	0	1 - 2 3 - 4	5 - 6 7 - 8	9 - 10 1	1 - 12 13	- 14 15 - 1	6 17 - 18 19	- 20 21 - 2	2 23 -	24 25 - 20	6 27 - 28 2	9 - 30 - 21	D.B. W.B.	Dry Bulb	Wet Bulb	Dew F
4/ 63				• 1		-							· · ·	1	•	•
/ 61		-	<u> </u>		•				1					7		
. / 59			.4 .5	. 7	• 1			1	-				14	14	•	•
7 / 57			.7 1.1				i	i					16	15		
5 / 55			7.1 .=	. 4									2.7	7.7		•
<u>47</u> 53.		.2 1.7	2.1 1.1	• 5									46.	45		
[/ 5]		. 1.7	2.1 2.4	. 2									C. 7	5.8	17	
1 47		1.7.2.6	2.6.2.1	. 4	• 3	-							74	75	5.6	
. / 47		1.7 3.	4.4 7.4	• 1	• 1		,	_					9.8	9.8	5.8	
4 / 45			5.1 .7	5	• 1								. 125	1.7	91	
4/ 43	• 2	2.4 3.2	2.7 1.0			_				*			79	7.8	178	
-2/ 41	• 7	4.9 5.3	2.9 .1	• 2									117	117	. 179	
7.1 13.	. 4		1.3 .1										6.2	53		
<u> </u>	1	1.1											<u></u>	2 ^.	<u> </u>	
/ 35													71	3.1	64	
7 / 33	?.3												22.	32.	. 63	• •
7/ 31		1 • ?											1 5	15		
751 29	• 2												 	٩	ىن تى	
7-/ 27	• 1												1	1	3	
_ / ?5		· +							-							
1 23																:
<u> 27 21.</u>																
7 / 12																
1 / 17										-+			+			•
1-/ 13										:		:				
1 / 11 TTAL		24.326.1	27 012 2	7				-			+		+	927	·	Α,
	• •	2403/2001	2 (• 5 1 2 • 9)	3.2	• •						; i		923	421	8 ? 3	
					-	 -					+		1 363		<u> </u>	•
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			- †			+	+ +		1		1		++		-	
			سيلس			<u> </u>		4			i		نـــــــــــــــــــــــــــــــــــــ			
Element (X)		Z X'	2 x		X	· 0.23	No. Obs.					. of Hours wi				
Rel. Hum.		43673 2 1725232	587 273		1.31		823) F	# 32 F	≥ 67 F	■ 73 F	- 80 F	· 93 !	F	Total
Dry Bulb		1409440	337		5.2		827		+	2.7				 -		
Wet Bulb					1.0					5.3			┿			
Dew Peint		1093708	295	70 5	5.9	30366	923		l	27.5	<u> </u>					

USAFETAC NOM 0.26-5 (OLA) etvino revious tornom or mis nom ant outdette

CLIMAL CLIMATCLOGY BRANCH USSELTAC ASSELTHER SERVICESMAC

PSYCHROMETRIC SUMMARY

٠, ٢	APAGOZA AB SP		73-81							<u>A</u> (
STATION	STATION NAME				YEA	irs		0.05		MONT	
								PAGE	1.	2100-	
Temp.			E DEPRESSION					TOTAL		TOTAL	
(F)	0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 1	2 13 - 14 15 - 16	6 17 - 18 19 - 20	21 - 22 23	- 24 25 - 26	27 - 28 29	. 30 = 31	D.B. W.B.	bry Bulb	Wet Buib C	Dew P
- / 59	• 2 • • •	+	-					5			
· / E7 ·	• • • • • • • • • • • • • • • • • • • •			1				Ą	3		
5 / 55	•? • 6 • 2							9	Ç		_
·/ 53	•6 2• •?							23	2.7	2	
/	.7.1.1 2.7 .1							2.8	7 -	12	
- / 4	1.1 1.8 2.7 .5							51	ê 1	2.2	
- / 47	2.7 2.4 3.4 .4							7.3	74	49	
4.5	.E 5.3 5.7 3.3 .1 .1							117	121	78	:
4/ 43	•2 3•3 2•9 2•4 1•7 •1							6.2	£ 4	97	
-27 41	1.3 6.8 5.7 3.5 .4		•					146	147	1 1	
6 / 77	• 5 • 2 4 • 3 • 6 • 1							7.6	96	115	
7 / 37	•7 1•3 2•1 1•1							47	4.7	111	
/ 75	•? 3.1 1.9 •?							44	44	7	
3 / 33	7.8 1.2 .4 .2							75	3.5	- 3	
7 11	1.1 26 .4							• • • • • • • • • • • • • • • • • • • •	3.3	£.3-	
11/ 25	.4 .4 .1							7	7	71	(
1 37.	1.2							8	R	12	
1 / 25	• 2							2	?	2	
7 / 23		· · · · · · · · · · · · · · · · · · ·					-				
27 21											
: 17		+									
1 / 11			1								
CTEL	0. 34.120.223.2 3.0 .5			·····				•	028		8
			1		:			518		818	
											
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			1					1	•		
i			<u> </u>	<u> i </u>		i	i	<u> </u>			
		1		,			_				
			1	<u> </u>							
Element (X)	z _x , z _x y	· ·	No. Obs.		,			h Temperatu			
Rel. Hum.		313.212	918	± 0 F	± 32 F	= 67 F	≥ 73 F	- 80 F	- 93 1	· - T	otal ,
Dry Bulb		6 6 1 8 9	828 818		5.6		ļ	ļ	<u> </u>		
Wet Bulb		5.369			10.0			-	↓		- 3
Dew Paint	1257234 28994 35.	4 6.713	818		30.9		1	1	1	1	5

C NORM 0.26-5 (OL.A) REVISE REVIOUS EDITIONS OF THIS FORM ARE DESCRI

SLUBAL CLIMATOLOGY BRANCH PRESTAC AT PRATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	LARAGOLA AB	STATION NAME			73-81			ARS				ل Moi	AN
3.2		थ्।ता।थव स्तत्ति€								⊅≜ଞ୍ଜ	. 1	A NOURS	LL
Temp.		WE	T BUI B	EMPERATU	RE DEPRESSION	N (F)				TOTAL		TOTAL	
(F)	0 1 - 2 3 - 4	5-6 7-8 9-10			~		3 - 24 25 - 26	27 - 28 29	- 30 × 31		Dry Bulb		Dew Po
57.65			+	•		-+				1	1		
4/ 5].	1		1	• `						25	25		
/ 5:		• • • •								43	40		•
1 . 9			2	.0.	•					171	111		
= / =7	•	.5 .6 .5	5 • 7	• 1						123	120		
5 / 55		9 9		. •	<u>. C.</u>	:	. !			191	193		_
-/ 57	.1 .6	1.4 1.2	• 1	•^						255	259	51	
_/_1	. 7 1.1	1.6, 1.7	2 • 2	• -						331	739	1:2	
- / 4,	• t i • 7	2.3 1.2 .	• 1	• ٦			,			4 - 3	49	224	1
- / 47	. 1.4 2.2		+							406	5.5	390	<u></u> . ê
a / 45		3.5 .7 .:	• 1		, .=-					79	912	619	₹ 4
4/ 67	5 7.4 2.4	~	<u>!</u>				 			556	563	778	? 5
() 41	1. 6.1 5.7	1.7 .4 .	l	1	1		į			ċ 36	945	879	5.8
- / ^^	.7 4.4 3.1	.9 .1 .	·,							623	4.74	794	56
7-7-37	·8 2 · 5 1 · 7	•5								364	365	752	72
/ 35	.€ 3.1 1.2	• 3								341	741	567	6.3
3-7 33	1.9 2.1 1.	• 1								338	* 3 g	5 7 7	73
/ 71	• 4 2 • 5 • 9	.1	·							256	767	411	67
. 1 5.	• 1 • 9 • 2								1	1 c 2	192	3^6	51
· / - 7	• R • 4 • C	<u> </u>								# B 7	<u>85</u>	179	4.
/ 25	•5 •1									3.9	39	٠ 4	3.0
1 2 7	<u>•4</u> •1:									35	35	7.5	25
27 21	• ,						:			1	1	1	-
/ 1-										+			2
/ 17	1				Į				1	1			2
1 / 15										+			
1 -/ 12				1			:	(1			
1 / 11	0 572 275 23	2 2 2 5 7	-	- -	_								
100	9.532.925.01	20 5 A 02 30		• 1	• 1			1	i	6543	55 14	6543	5 E 4
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			!		+	+				+			
Element (X)	2 x'	ZX	R	-	No. Obs.			Mean No.	of Hours wi	ith Temperati	,re		
Rel. Hum.	3034964.	497473	75.7	15.558	6543	± 0 F	≤ 32 F	* 67 F	€ 73 F	> 80 F	- 93 1		Total
Dry Bulb	12615061	284229	43.7	7.6.8	6634	1	71.5			1			74
Wet Bulb	1~427963	258183	39.5	6.060	6543	1	106.4						74
Dew Point	8265523	228895	35.0	6.280	6543		263.4		1	1	7		74

FETAC FORM SIZE SEE ALL

ATH REATHER SERVICE/MAC CAPAGOZA AB SP - 18.3

USEFETAC

GL. FAL CLIMATOLOGY BRANCH

PSYCHROMETRIC SUMMARY

64

84

1330-3722 HOURS (L. S. T.) Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.S. Dry Bulb Wet Bulb Dew Poin 4/5 · u -/ 61 • 1 1 59 • 1 4 16 15 4/ 53 .9 1.4 1.1.2.3 51 25 1.8 45 - / 49 2.5 4.7 1.9 3.2 2.7 1.8 • 4 74 74 5 8 62 62 .1 4.2 4.7 3.5 3.5 3.7 3.5 4 / 45 97 78 5 2 97 4/ 43 79 79 68 39 3.5 3.7 3.5 .3 3.9 8.8 2.4 7.2 4.3 1.6 .1 7.1 2.3 1.5 2.4 3.1 .3 .1 1.2 1.9 .4 .8 .8 2/ 41 116 90 76 87 71 71 5 2 113 44 35 43 43 62 91 3-/ 33 23 53 89 7 / 29 78 46 54 42 / 25 31 1 22 24 7 13 7 1 1.130.041.521.5 4.5 54732 Element (X) 739 ± 32 F +67 F = 73 F = 80 F = 93 F Rel. Hum. 44. 6.161 4. 5 5.772 1459689 32527 730 84

739

7.7

73-81

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE MEVIND P ₹ ğ 0.26.5

Dry Bulb

Dew Paint

79932

26524

36.0 6.785

1236336

993156

SLIBAL CLIMATCLOGY BRANCH USEFITAC AT REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	THRIO	ZA AS	STATION N	AME	-		73-81			¥ı	EARS			PAGE 1		FE	TH
																HOURS (L	. 5. T.)
Temp.	0 1 - 2			WET BUI	B TEMPE	RATUR	E DEPRESSIC 5 17 - 18 19 -	20 21 2	2 22 . 1	24 25 24	27 28 2	0 20	» 31	TOTAL D.B./W.B.	Dev Bulb	TOTAL	Daw Pa
4/ 63	0 1-2	3.4.3	. 3 . 1		12 13 - 1	113 - 19	17 . 18 17 .	20 21 - 2	23-	23 . 20	27 . 24	7 - 50		7	7		
/ 59		i	• 4	• 1	į	1	1	- 1	İ	i	1	1		ū	4		
/ 57	-		• • •		-+		·			-	++				5		
7 55	1	. 5	• 3.	. 3			1		i.					9	วั	ì	
5/ F3				. 4							! 			18	19	4	
7/ 51	• -		-	•										25	25	14	
1 44		2.4 1	.1	· 1 · 3							:	+		45	4 =	71	
/ 47	1 4 2		.74											69	69	40	2
1 45		3.9 1										+		73	73	77	
4/ 43		3.9 1									1			6 5	58	65	3
1/ 41		17.9 1									• - -			172	132	67	7
/ 72	1 4 . 7	5.4 1	• 2											8.0	e n	73	5
7 / 37		3.1 1					1							78	79	112	4
/ 35		3.2	• 3]							_i				5 9	59	9.7	_8
7 / 33	• 7 1 • 7										i			30	3.7	8 C	7
2/ 31	1.1	2.2				4.	·				<u> </u>			24	24	51	10
1/ 29	1.3	• 1									!			11	11	77	4
/ 27	• <u>1</u> • <u>3</u>	<u> </u>				<u> </u>	+				<u> </u>					12	5
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lement (X)	Zx'		ZX	X		'a]	No. Obs.	Ĭ.	·		Mean No	, of Ho	urs wid	Temperat	ure		
lef. Hum.		c799	567		.61~.		743	1	0 F	± 32 F	≥ 67 1		73 F	→ 80 F	* 93 F	1	etal
ry Bulb		7735	312		.1 6.		743			5.7							6
for Bulb		0813	290		.1 5.		743			11.0							8
ow Point	0.6	6809	260	5 T T T T T T T T T T T T T T T T T T T	.1 6.	696	743		· -T	32.9	1	1			1	1	- 6

USAFETAC FORM 0-26-5 (OL A) RIVISD REVIOUS EDITIONS OF THIS FORM AS

CLUBAL CLIMATCLOGY BRANCH CLASSITAC ATT WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION			ZA AB		ATION NA	ME				-				YE	ARS			PAG	<u> </u>	мо 7600	#TH - 7 P T
																				HOURS	
Temp.						WET	BULB	TEMPER	TURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew P
4/ 57				• 1	1			1		1			,		1	į,		. 1	1		
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5 / 57				• 3,	• 1										į			3		:	
5 / 55			. 4	• 1	• 7	• 1				1		<u> </u>						13	17		
4/ 53		• 3	• 1	• 8	_ !	• 3	'			1 !			1		1	ĺ		11	11		
/ [1]		• 5		. 4	•1	<u>•1</u>				 i		-			·			15	15	11	
- / 43			1.9	• 0	• 7	• 3	; !			! i		. i				- (45	4.5	13	
* / 47			7.3		• 3		h						+		i			57	<u> 50</u>	42	
4 / 45	• 4		3.1	9										1				74	74	58	
-4/ 43			2.8															56	5.5	51	
2/ 41			17.4											ļ				142	142	65	
4 / 39			3.5				<u>. </u>	. —										74	74	85	
7 / 77			4.1							† ·				1	:			•		117	
/ 35		5.1		• 3						++			÷		+			<u> </u>	68	70	
3-/ 13	• 9	2.1		i											:			70			
17 31			2.1							+								+ - 70 20		56	
72/ 29		2.5					I	f i								:			-		
2-1 27		1.2																12	12	28	
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7/71								1		1								'		1	
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1-7 1 T	:		35.71	^ 7		. 9		. !		į į		1				į		1	750		75
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Element (X)		Z X'	-		ž x		¥	7.	\neg	No. Obs	. 1	····			Mean N	o. of He	ours wil	h Tempera	ture		
Rel. Hum.	 		5723		5858	35		10.92	9	7		10 F	1	32 F	= 47	F	73 F	- 80 F	≥ 93	F	Total
Dry Bulb		120	1069		3074	11	41.0	6.4	P	7				7.8		1		T			- 8
Wet Bulb		112	1933		786		38.2	5.9.	2	7:			7	4.7				1			
Dew Paint		97	3969		2591	10	T0.5	5.5	<u> </u>	71	57			34.7				1	-		- 8

C NORM 0.26-5 (OLA) IRVISIO MENOUS EDITIONS OF IN

GLEPAL CLIMATOLOGY BRANCH CNIFETAC AT WEATHER SERVICE/MAC

STATION	LARACO	SA AB	SP STATION NAME			73-81			ARS				F E	7
3.21704			JIATION HAME								PAS	- 1	TOURS IL	
T				ET BUL &	TEMPEDATUS	E DEPRESSION	(E)				TOTAL		TOTAL	_
Temp. (F)	0 1.2	3.4 5.	6 7-8 9-1	0 11 - 12	13 - 14 15 - 1	6 17 - 18 19 - 2	0 21 - 22 23	- 24 25 - 26	27 - 28 29	- 30 - 31	D.B./W.B.	Dry Bulb		Dev
-4/ 57					• • • • • • • • • • • • • • • • • • • •		+				1	1		_
1/61		i	• 1								i i.	i		
/ 59			.5 .				1				6	5		
/ 57	1		.4 .5	3			<u>.i</u>				9	9		
5 / 55	• 3		.4 2.3								? 7	27		
14/ 53		5	.0 .3				·				18	19	3.	_
10/ 51	• 7	2.6 1	۰7 . ۹								. 44	44	1.7	
5 / 42	2.0	2.1.2	•3 1.7 •5 1.2 •	الف جر							<u> </u>	62.	29	
L / 47									:		72	72	5.6	
4 / 45	-4 4.2	5.7.3	.2 .3 .	<u> </u>	·				-		174	<u> 104</u> .	74	
.4/ 43		3.8.3									73	73	91	
1 7 7 9		9.3 2								_ 	152 61	152	78 175	
, , , , , ,		2.8									49	49	93	
7 / 35	2.	1.7	• : :		·	+	·	++			2.6	28		
3-/ 33	. 1.1							,			19	19	5.9	
./ :1		. 9				+					12	12	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	-
1 / 34	.1 1.6					1					13	13	71	
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2/ 21		!												
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TOTAL	7.530.3	37.218	.710.2	9 • 1	• 1						H ===	755		
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Element (X)	Z x 1	9659	55431	77 1	12.615	No. Obs.	 	T - 30 5	,		th Temperat		-	***
Ref. Hum.		674	33214		6.257	755	= 0 F	3 32 F	≥ 67 F	≥ 73 F	- 80 F	• 93 F		-10
Dry Bulb Wet Bulb		1539	30451		5.568	755	 	6.5	 	}	 	+		
Dew Point		2118	26930		6.469	755	 	27.0			 	+		_
PAR LOINT	77	- 4 - 0	CO-30		0 0 7 0 7					<u> </u>	<u></u>			_

SLOPAL CLIMATOLOGY BRANCH ULAFETAC ATE AFATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21505		PA30	ZA A							73-	81								F E	
STATION				S.	TATION N	AME								YEA	ARS		PAG	Ξ 1	1200-	140
Temp.						WET	BIII B	FMPF	ATUR	E DEPRE	SSION	(F)					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24 2	5 - 26	27 - 28 29	- 30 × 31		Dry Bulb	Wer Bulb	Dew P
£ 1 67				+		•!											1	1		
- / 65					• !		: +	 		1							1	1		
47 62				• 1		1.1		• 4		• 1		1 1			1	1	19	10		
2/ 51			<u></u>	• 4		1.1				-				+			1 73	27		
/ 59		_	• 1		1.5			1		1		1	-	1	Ì	į	42	42 48		
1 5 7		• <u>1</u>			3.5		. 4	• ?	+	-		\leftarrow			- +-		48	53	11	
51/ 53 14/ 53:	,		,		3.4	_	•							1	i	,	. 81	91	78	
2/ =1	• 1		3		5.4		·			+				+			117	117	36	
**/ 45 t					3.4	1				1			1	ł		1	102	132	9.6	1
· / 47		1.1		حن-	3.7							+		+		+	53		96	}
4 / 45	• •				2.8		1		1	: 1		1	ſ	1	1	i	90	90	134	6
4/ 43	- 1		1.2							,		! !					43	4 C	108	4
12/ 41:	. 1	1.1	2.6	. 9	1.1	ļ			!	:		: [i			1	44	45	78	1.
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7 / 77		• 1	• 1		. 1	1			<u> </u>						· · · · · · · · · · · · · · · · · · ·	i	3	3	59	
7 / 35			:		7			i -		j ,				ţ			÷		24	5
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Element (X)		ž _x ,			Zz	- -	· R	•,	, 1	No. Ob	s	<u></u>			Meen No.	of Hours w	ish Tempere	ture		
Rel. Hum.		293	2163	1	457		60.6				55	± 0 F	1 1	32 F	± 67 F	≥ 73 F	≥ 80 F	- 93	F	Terel
Dry Bulb		_	1519	ł	384		50.9	ı	I		56				.1					- 6
Wet Bulb			6772		336		44.5	I			55			• 2						E
Dew Paint		127	6116	T	279	BC	37.1	7.2	79	7	55		2	2.3		1		T		- 6

USAFETAC roum 0-26-5 (OLA) etvito retrous terious or ins roum ant outous

SLICAAL CLIMATOLOGY BRANCH USAFETAC AIR AEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

APAGOZA AB SP

PAGE 1

Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
/ 59		†				• 1												2	2		
. / 67					1	l .		1	J	}	1		ł	i				2	: -		
6/ 6						• 7	+	• 3	. 4		· · · · · · · · · · · · · · · · · · ·	-						12		+	
4/ 67				. 1	5				1				i	1			i	33	-		
1/61	•	1	• 1		2.3		2.2	• 3										59			
/ 59		ŗ	. 4		2.5					1			i					5.8		-	
. / 57		• 1					1.6	<u> </u>			-						!	74		· 	
= / = 5		• 1	_				2.4			i	:		i	•				9.2			
4/ 57		· · ·		1.9						<u> </u>								74		+	
7/ 51		1.6		2.9								!						91	92		
5 / 4		. 4	. 7		2.3		+			!								6.8	·		2
47	. 4	1.7	-		2.9					·		l		ļ			t	76			2
. / 45		1.1		1.3		1.2						+			-			36			— <u>-</u>
4/ 43				. 4			1	1		1								? 2	• •		3
2/ 41		- 	- 7	. 4	.4			:	•	<u> </u>			+					16		+	10
47/ 75		•	•	•	• •	1		:	1	i			:							45	6
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3 / 33					 		·					,	+				-	† -		2	6
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OTAL	. 4	7.6	7.6	11.9	25.5	27.5	13.9	4.3	1.5	 		+	+					 	751		74
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lement (X)		ZX,			Z X		Ī	•,		No. Ot					Mean t	lo. of H	ours wit	h Tempera	ture		
el. Hum.			7712		4 ~ 5		54.1				49	10F		32 F	2 67		73 F	- 80 F	≥ 93	f .	etal.
ry Bulb			4741		4] 4	59	53.9				51					. 4				_ T	- 8
Wet Bulb			7287		343		45.9				49			• 3							8
Dew Point		105	4774		274	72	36.7	7.0	101	7	49		-	26.6				Τ	_	j	8

USAFETAC NOW 0.26-5 (OLA)

GLEAAL CLIMATOLOGY BRANCH USAFETAC ATP WEATHER SERVICE/MAC 1815-15 LARAGOZA AB SP

PSYCHROMETRIC SUMMARY

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 Wet Bulb Dew Poir 1 69 6/ 55 4/ 63 11 11 27 61 . 4 1.3 1.7 59 • 1 42 43 .7 1.5 1.3 2.C 1 / 57 5.3 53 5 / 55 .1 1.2 2.4 1.7 1.2 1.2 E 3 59 13 .4 1.3 2.4 1.9 1.6 .7 1.1 1.7 3.4 3.6 .8 .5 54/ 53 63 6 5 / 45 1.6 3.1 2.8 2.5 2.0 75 94 94 •3 1.9 3.1 3.2 2.3 •7 •9 2.1 4.4 2.1 •9 97 47 5 7 32 33 41 / 45 106 78 78 63 2.4 1.5 3.2 1.5 1.2 2.8 2.7 2.0 40 4/ 43 66 66 112 12/ 41 65 98 96 3: .3 1.2 **6**? 7-/ 37 ۶7 3 • 1 54 43 35 • 1 56 **5**6 3 4/ 33 • 1 31 70/ 2% 54 / 25 32 2/ 21 11 1-/ 17 754 TAL .717.619.428.522.512.5 5.7 Zg' 3071744 62.114.654 No. Ohe. Mean No. of Hours with Temperature Element (X) 754 ≥ 67 F = 73 F 64 1808547 49.8 6.056 37559 754 • 1 Dry Bulb 1471211 33753 43.8 5.438 754 . 8 84 Wet Bulb 1056520 27540 36.7 7.583 754 25.8 84 Dow Point

ETAC FORM 0-26-5 (OLA) REVISED MENOUS EDITION

THIS FORM /

USAFETAC FORM 0-26-5 (OL A) BEVILO MEVICUS EDITORS OF THIS YORM ARE OMSOLITE

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Wet Buib Dew Paint			7378		272		36.2				53		26							

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC (61635 CARASOZA AB SP

PSYCHROMETRIC SUMMARY

STATION NAME STATION PAGE 1 ALL HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | # 31 | D.B./W.B. | Dry Bulb | Wer Bulb | Dew Poin 1 59 3 6-1 67 16/ 65 .1 44/ 63 . 4 . 4 • 1 74 74 5 ! .6 103 103 1 59 198 198 57 2-9 .1 51 / 55 .8, 1.0(1.7) 1.2 298 298 14/ 57 .9 1.6 ₹32 22 1.1 2.1 2.1 2.1 7 1.8 2.6 2.1 1.5 9/ 51 • 2 477 4 7 R 222 2.1 1.5 567 567 .2 2.5 2.8 1.8 1.7 .2 3.1 3.4 3.1 1.0 4-/ 47 586 565 541 198 41/ 45 1. £66 749 666 491 .1 2.4 2.6 2.3 :4/ 43 485 485 676 285 41 3.6 6.5 798 467 560 .1 2.2 2.9 1.1 4 / 39 384 **384** 565 .2 2.1 1.7 203 293 691 462 / 35 .0 1.9 1.7 225 225 £46 444 • 9 1.5 128 128 357 613 27 31 • 6 86 86 46 115 391 ~=/ 27 • 2 18 18 **5** 5 357 10 15 249 / 23 267 21 54 -1/10 36 17 1 / 15 TOTAL 1.423.630.119.623.3 7.8 2.8 6701 5998 5998 No. 06s. 5998 24' 20677321 Element (X) 2x Rel. Hum. 10F ± 32 ₽ +67 F +73 F +80 F +93 F 13267523 278621 46.4 7.432 6701 18.6 Dry Bulb 672 10574578 2511366 41.7 6.109 5998 46.7 672 Wet Bulb 8070740 215834 Dow Point 36.0 7.121 5998 672

73-81

USAFETAC NOW 0.26-5 (OL.A) WINNER

SLIBAL CLIMATOLOGY BRANCH FIFETAC

ATH AFATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

THE SUB-STATION STATION ST STATION MAME WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. (F) 1 . 2 3 . 4 . 5 . 6 . 7 - 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin -4/ 73 11 71 • 1 1 69 5/ 65 4/ 63 . 6 7 6: • 2 19 .7 2.1 2.9 1.5 1.4 3.3 2.7 1.5 2.4 7.3 3.3 1.5 1.5 1.7 66 56 ~ 5<u>1</u> / 45 118 F 3 23 118 2.8 3.7 2.5 2.0 5.2 2.8 / 47 ٤1 81 4 / 45 34 55 113 € 5 1.4 4.5 3.2 .4/ 43 5 9 4.2 7.7 3.2 1.0 2.4 1.5 42/ 41 125 125 22 95 41/ 30 42 1.0 .5 .1 1. 1.6 .2 2.4 .1 .2 .1 17 9. 17 3 / 35 33 1 25 24 2-/ 23 -2/ 21 - / 17 2 TITAL 909 878 76.812.016 Element (X) Z, No. Obs. 416 232 57224 37832 3 7 R +67 F = 73 F +80 F +93 F s 32 F Rel. Hum. 10 F 46.º 6.551 42.5 5.858 37.4 6.927 809 Dry Bulb • 6 93 1498759 5.2 34359 638 93 Wet Bulb 1170776 30244 878 21.4 93 Dew Point

0-26-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATT WEATHER SERVICE/MAC

ZARAGOZA AB SP

081405

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Rel. Hum.			1760		- 8 93.	e ti		11.20		973) F =	32 F	* 67		73 F	• 80 F	• 93	FIT	9101
Dry Bulb			782	 	357			6.48		933	 -		7.1	1	-+-		 	+	- +	ç
Wet Bulb			5544		329		41.	5.03		9.23	+		7.9	 	-		 -	+		3
Dew Point			6969		293			6.85		8.73	+	-+	26.2	+	+		+	+	- 	9
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SE RAL CLIMATOLOGY BRANCH Understad Atto-statemer Service/Mac

TERA T . APAGOZA AS SP

STATION			5T	ATION NAME						Y	EARS				MON	TH
													PAGE	•	HOURS IL	
Temp.					WET BULB	TEMPERA	TURE DE	PRESSION	(F)				TOTAL		TOTAL	
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Element (X)	z _X			t x	X	•		. Obs.			Meen No.	of Hours wit	h Tomporati	re		
Rel. Hum.		73139		53145		11.54		827	2 0 F	± 32 F	≥ 67 F	≥ 73 F	- 80 F	= 93 F	1	eral
Dry Bulb		57288		35629		6.77		827		5.3						
Wet Bulb		35014		33024		6.16		827		11.6			I			Ş
Dew Point		17422	6	29660	35.9	7.00	1	827		29.0			1	T		

USAFETAC NOW 0.26-5 (OL A)

STIPAL CLIMATCLOCY PRANCH STIPLTAC ATT ACATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION STATION NAME 73-31 7970-1100 HOURS (C. S. T.) PAGE 1

(F) 0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 = 31 D.8. W.B. Dry Bu	TOTAL
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Element (X) Zg' Zg X G No. Obs. Mean No. of Hours with, Temperature Rel. No. 389, 561 7535 676703 13 918 108 1328 2675 2715 2805 200	17 F Tetri
Rel. Hum. 387.561 5533 67.713.137 518 10F 132F 167F 273F 20F 1)3 F Tatel
Rel. Hum. 383.581 55353 67.77 3.137 918 506 5326 6676 2736 4806 4	

	~	- A	A .		No. Obs.	l		Mean 170. 0	of Hours with	Iemperatui	*	
Rel. Hum.	389.581	55353			918	± 0 F	: 32 F	≥ 67 F	≥ 73 F	- 80 F	• 93 F	Terei
Dry Bulb	1935536	39422	48.2	6.6.7	Ē I ā		• 3		• 1	,		5 4
Wet Bulb	1561646	75426	43.3	5.793	819		3.1					3.4
Dew Paint	1193955	30737	37.5	7.135	8] ¤		20.6				ļ	93

ZARAGOZA AIR BASE SPAIN REVISED UNIFORM SUMMARY OF SUBFACE WEATHER OBSERV..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A. 09 DEC 83 USAFETAC/DS-83/051 SB1-AD-E850 504 F/G 4/2 AD-A138 281 4/5 UNCLASSIFIED ΝL



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 ~ A

SLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

115 15 STATION ZARAGOZA AB SP 73-81

1270-1450 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 0 1-2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 31 D.B./W.B. Dry Bulb Wer Bulb Dee Poin / 31 51 75 • 1 4/ 77 . 1 c / 67 16 63 .4 1.9 1.9 51. • 6 . 6 51 11/ 51 1 2.2 1.8 3.6 3.8 1 1.1 3.3 3.7 1.5 2 1.7 3.2 3.1 1.1 6 2.1 3.0 2.2 1.8 1 59 108 84 5 77 77 4/ 53 2/ 51 1.7 2.3 4.4 2.2 96 65 13 1.7 1.8 2.8 1.2 1.7 .6 1.8 2.5 1.3 .2 :/ 40 95 9. / 47 57 130 . 4 4/ 43 • ! 23 . 3 59 23 97 2/ 41 7 ¢ 51 37 28 73 35 72 11 76 49 37 71/ 25 21 7-1 23 29 -2/ 21 10 4 1-/ 15 2 1 / 11 Element (X) Moon No. of Hours with Tompera Rel. Hum. 2 0 F 1 32 F # 67 F # 73 F # 80 F Dry Bulb Wer Bulb Dew Point

(OLA)

GLOBAL CLIMATOLOGY BRANCH USAFETAS **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC .516.25 STATION ZARAGOZA AB SP MAR 73-81 YEARS STATION NAME MONTH 1200-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) 1 · 2 3 · 4 5 · 6 7 · 8 9 · 10 11 · 12 13 · 14 15 · 16 17 · 18 19 · 20 21 · 22 23 · 24 25 · 26 27 · 28 29 · 30 · 31 3 · 3 · 3 · 1 15 · 9 2 4 · 6 2 3 · 8 1 6 · 5 5 · 6 2 · 2 · 4 · 4 D.B./W.B. Dry Bulb Wet Bulb Dew Point 2495487 Element (X) 2 x 4 3 9 3 7 53.313.621 No. Obs. Mean No. of Hours with Temperature = 67 F = 73 F = 80 F = 93 F Rel. Hum. 1 32 F 10 F 55.5 6.826 47.1 5.511 37.9 7.507 2592477 4.9 45868 827 1.2 93 Dry Bulb 1851794 38798 824 Wet Bulk Dow Point 31260 874

POSES 0-26-5 (OL.A) sevido revious sorions of this rose are ossours and as

USAFETAC FORM 0-26-5 (OLA) WITHD METTORS OF THIS FORM ARE OLLOSTER

GLCRAL CLIMATOLOGY BRANCH USAFÉTAC AIR MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION STATION NAME 73-81 MAR MARK

PAGE 1 1570-1700

Temp.						WET	BULA	TEMPER	ATURE	DEPRI	SSION	F)						TOTAL		TOTAL	
(F)	0	1.2	3 - 4	5 - 6	7.8								23 . 24	25 - 26	27 . 28	29 . 1	0 e 31	D.B./W.B.	Dry Bulb		Dew Pai
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6/ 65				. 1	. 5										1			56			
4/ 63		-	• 7		• 1	1.9	2.2	2.8	. 7	• 2		!		;	 	 	+	68		e	
/ 61														1	1	į	ļ	1 80		12	
/ 59				1.6	1.4	4.7	3.9	3.5						+	-	†	+	127		11	
-/ 57			- 1	. 8	1.4	2.7	1.8	1.9	- 6	ļ	ì		:	}	:		:	78	78;	36	,
5-/ 55	-			• 2	1.6	4.7	1.8	1.9		1				 	1	+		75	75	60	7
4/ 53		- 1		1.1	2.1	1.9	1.4	.5	i	1	Į.				1		i	59		83	. 5
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57/ 49		. 6	. 5	. 2	1.1		1.6								1		÷	41	41	174	21
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loi. Hum.												:01		s 32 F	* 67	F	+ 73 F	- 80 F	● 93 F	T	Total
Dry Buib						\Box							\Box							\Box	
Wat Bulb									\Box						Ι			Ī	1		
Dow Paint																		7	1		

PSYC	"HP	OM	FTRI	C 5	LIA	A AA	API

GLIBAL CLIMATOLOGY BRANCH
USAFETAC
AIF MEATHER SERVICE/MAC

111525
TARAGOZA AB SP

STATION
STAT

ZARAGOZA AB SP 73-81
STATION NAME YEARS

MAR
MONTH

PAGE 2 1500-1700

HOURS (C. S. T.)

Temp.						WET	BULB '	TEMPER	RATURE	DEPRE	SSION ((F)					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	23 - 24 25	26 27	- 28 29	- 30 + 31	D.B./W.B.	Dry Bulb	Wer Bulb	Dew Poi
/ 13		i		7													1		:	
STAL		2.4	3.3	7.	17.5	23.3	22.6	16.5	6.7	3.0	1.6	.6		1	į		i	F 2 9	ı	825
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Element (X)		ZX'			Z X	┰	X	· ·	Т,	No. Ob	·.			Me	en No. e	d Hours wil	A Temperat	ure		
Rel. Hum.		191	2435		781		46.0	13.8	02	6.2	28	2 0 F	± 32		€ 67 F	• 73 F	- 00 F	+ 93 f	, , , , ,	Terel
Dry Bulb			1874		488		57.9	7.5		8.2					13.1	4.7			<u> </u>	9:
Wer Bulb			5955		400	71	48.4			£ 2				1		-	1			93
Dow Point		119	1173		307	O I	37.1	7.9	92	87	28		27.	<u> </u>						93



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATT WEATHER SERVICE/MAC

ELENS ZARAGOZA AB SP STATION NAME

PSYCHROMETRIC SUMMARY

PAGE 1 1670-2700

Temp.						WET	BULB 1	TEMPER	ATURE	DEPRI	ESSION (F)					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 23	· 24 25 ·	26 27 - 20	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Por
7 / 81											• 1						1	1	-	
75			į						. 1	.1		!		į	i		2	2		:
7 / 77		•						• 1			:				1		1	1	•	•
-6/ 75		: :			1	. 1		. 2		İ	į.		:	!		i	3	3		
-4/ 73							. ?		• 5	• 1	.1			1	 	1	6	9		
72/ 71		:			;	- 1					!	l l	ĺ			i	11	11		
- / 69					• 1	• 1	• 2	•1	. 4		.6					1	19		•	
£ / 67					. 4		1.7	2			-			i	į	}	2.3	25		
.6/ 55					. 2	1.7	1.7	•2	. 4	.1							26	26	1	•
4/ 67				. 6	. 6	2.1	1.3	1.1		-	-			1	1		47		-	
17/ 51		+	. 1	. 4	1.7	1.5	1.6	.9	• 1	• 1					†	+	5.2	52		
/ 59			. 1					1.2					1		1	I	94	94		7
- / 57		1	. 6	1.2	1.9	3.3	2.2	. 0	• 1		1					+	84			
5. / 55											į			i		:	77	77		•
4/ 53		• 1	• 1	1.6	4.1	2.2	. 7						1		-	†	6.8	6.9		
7/ 511				1.2				• 1		l	ĺ						69	69	6.2	13
5 / 49		. 9	1.3								+			_	+	•	75			
4-/ 47			1.3				• 1	-		i i	i		i			1	56	56	117	
4 / 45			1.5											-	(1	43	44	171	5 6
4/ 43		. 4					1	!		ĺ	i		- 1			į	25	25	100	69
-2/ 41		. 0	• 5	1.7	1.6	• 2				i					+	•	30			7 2
40/ 36											1					:	10	10	45	110
31/ 77		• 2	<u> </u>												• • •	!	1	1	32	6
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34/ 33		1	-												-	i			9	71
72/ 31		1 1			į			!		ļ					;	İ	İ	ļ	4	41
77/ 77		+								!					1	1	† · · · · ·		·	5.5
2-1 27		1 !								İ	1			1	1	j		į	İ	. 3
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16/ 15		1 1		i	1								i			1	ì		ļ	
Element (X)		Zx'			<u> </u>	┰	T	•,	\top	No. OI	. T			Mean	No. of H	ours wid	h Tempere	lure		
Rel. Hum.						\top	~				$\neg \uparrow$	2 0 F	s 32 l	P + 6	7 F	73 F	- 80 F	• 93	F	Tetel
Dry Bulb						_		i — —	_		-		1		$\overline{}$			1		
Wet Bulb								<u> </u>										1		
Dow Point						_			-		+		†		-		† 	+	\rightarrow	

AC 100 0-26-5 (OLA) semise

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR AEATHER SERVICE/MAC 2 - 16 35 STATION TARAGOZA AB SP 18'0-2000 HOURS (C. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 4 - 3 9 - 21 4 - 5 2 4 - 6 2 2 - 31 4 - 7 6 - 9 2 - 9 - 9 - 9 D.S./W.B. Dry Bulb Wet Bulb Dew Point 924 822 Element (X) 2 x 4 3 4 6 7 Mean No. of Hours with Temperature No. Obs. 247:173 822 ± 67 F = 73 F = 90 F Rel. Hum. 2 0 F ± 32 ₽ 2567328 55.3 7.657 46.8 6.034 824 Dry Bulb 45567 1830492 38472 322 93 Wet Bulb 1204739 30769 37.4 8.034 922 Dow Point

USAFETAC FOR 0.26-5 (OL.A) REMAIN REMOUS CORROR OF THIS FOLK

USAFETAC NOW 0.26-5 (OL A)

PSYCHR	OMETRIC	SUMMARY

GLERAL CLIMATOLOGY BRANCH USISETAC AIR AEATHER SERVICE/MAC STATION STATION NAME YEARS PASE 1

Temp.							BULB										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 . 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	3 - 24 2	5 - 26 2	27 - 26 29	- 30 + 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poir
6/ 75							,	:	• 1	1			i	1	1	}	1	1		
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1771							-			• 1	:	Ţ	· ·				1	1		
" / 69					:				1		1				i		. 1	1		
4 - / 67							• ?			I	i						7 2	2		
6/ 55				• 1		• 2	?	:				1			1	1	3	3		
4/ 53			:	• 6	. 3	. 5	. 5	• 1		Ī							? 2	22		
13/ 61			. 1	. 5	1.		2 . 1	1	1			· 					: 16	16	l i	
~/ 59			. 2	. 9	• 5	1.1								1		- i	25	25	5	
-/ 57		• 1	7	1.8	1.7		. 4		!			! .		1	i.		4.3	43	7.	2
5 / 55		. 2	1.7	1.8	1.9	1.2	?	•	·		,			T			5.7	57	71	1
47 53		2	2.2	3.9	2.6	1.3	3 3	1	1			i			ii_	1	. 86	86	27.	
7 -1		. 4	1.9	3.5	3.2	• 5	• 1		-		i						79	79	42	13
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4. / 45		1.6	3.9	5.7	1.7	• 1	l i	i	:	r	ì			i		1	109	109	121	6.
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Element (X)		Zgr			ZX	T	X	•		No. O					Mean No.	of Hours w	th Tempera	ture		
Rel. Hum.			382		532			12.7			21	10 F	2 2	32 F	± 67 F	● 73 F	= 80 F	• 93 1		etal .
Dry Bulb			2264		406	L _		6.6			23		Λ_{-}		. 9		5			9
Wet Bulb			0854		360			5.8			21			2.6						9
Dow Point		120	0700		309	26	37.5	7.2	65	8	21		2	1.6			1			93

USAFETAC FORM 0-26-3 (OL.A) REVIND REVIOUS EDITORS OF THIS FORM ARE OSSOUT

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIS REATHER SERVICEZMAC

PSYCHROMETRIC SUMMARY

TARREST TOTAL

VARS

VARS

VARS

MONTH

PAGE: ALL

HOURS (L. S. T.)

TOTAL

TOTAL

TOTAL

(F) 6/ 27 4/ 33 7 91 7 77 7 77 1/ 75	0	1.2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 2	8 29	30 -	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
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4/ 53		• 3	. 9	2.0	7.1	1.2	• 5	•1		!					+			467	468	372	35
FI/ 51	• 🧰	. 6	2.1	1.8	2.4	. 8	. 4	.:		1					1	:		531	532	335	62
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-27 41	•	3.3	4.2	1.7	7	• 1						 		-	!			655	656	691	A18
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2/ 21																1	_		1	2	75
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Element (X)		ZX'			Ex	\top	X	•,		No. Ol	a.				Moon	No.	d Hours	with Tempera	ture		
Ref. Hum.												101	-	1 32 F		57 F	- 73	- 00 F	→ 93 F		Tetel
Dry Bulb						\top							7		\top			7			
Wet Bulb						1											1		1		
Dew Paint									_				\neg								

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATT REATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** STATION STATION NAME WET BULB TEMPERATURE DEPRESSION (F)

TOTAL

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 × 31

D.B./W.B. Dry Bulb Wet Bulb Daw Point 1/17 / 15 1 / 13 / 11 TAL .415.425.019.814.913.9 7.2 3.7 1.5 .6 .4 .1 6567 No. Obs. 6551 Element (X) 413886 27944892 Rel. Hum. = 47 F = 73 F = 80 F = 93 F 17,54029 329543 6560 9.3 Dry Bulb 13035194 289092 6551 243470 9404830 6551

FORM 0-26-5 (OL.A) REVISE REVIOUS BUTTONS OF THIS

USAFETAC FORM 0.26-5 (OL.A) SEVISED MEYICLES EDITIONS OF THIS FORM ARE OSCOLETE

GL	28	AL	CLIMA	TOLOGY	BRANCH
US	۹۴	LTA	C		
A -	. ,	F A	THED	SERVICE	ZMAC

11505	_ A	RAGO	ZA A		TATION N				7	3-81			YEARS					A S	> 2
STATION				51	TATION N	AME							7E ARD						
																PAG	= 1	HOURS II	- 17 Z L (
								TEMBERA	TURE DE	PRESSION	(E)					TOTAL	,	TOTAL	
Temp. (F)	0	1.2	3 - 4	5 - 6	7 - 8					- 18 19 - 2		23 - 24 2	5 - 26 27	- 28 29 -	30 + 31		Dry Bulb	Wet Bulb	Dew Po
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7/ 41		1	2.5				1	1	1	i			(ĺ	ĺ	. 44	-	. 94	8
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lew Point		125	5 707	-	309	25	39.4	6.93	6	785	+		7.0			 	-		9

PSYCHROMETRIC SUMMARY

STATION STATION NAME

Temp.						WET	BULB .	TEMPER	ATURE	DEPRI	SSION	(F)						TOTAL	j	TOTAL	
(F)	0	1.2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 20	5 27 - 21	29 - 30	2 31		Dry Bulb		Dew Point
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Dry Bulb			3341		364			5.32			77	2 0	-	± 32 F			= /3 P	▶ 80 F	* 73 F	-+	92
Wer Bulb			3322		334			5.25			76		-+-	1.					-		9-
Dew Peint			9911		299			6.68			76			19.6				+		- 	95
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CECTAL CLIMATOLOGY PRANCH LIMETAC AT REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	ZATAGOZA AB SP	7 Z - 8 1	ADC MONTH
		PAGE 1	ÎBDÇ≃, PO™ HOURS LÉSETÉ

7 / 6! 7 / 57 5 / 75 4 / 53 7 / 5! 2 / 25 5 / 40 6 / 47 6 1 5 6 6 / 47 6 1 5 6 6 / 47 6 1 5 6 6 1 4 5 7 7 1 5 6 7 4 7 1 5 6 7 4 7 1 5 6 8 7 4 7 1 5 6 8 7 4 7 1 5 6 8 7 4 7 1 5 6 8 7 4 7 1 5 6 8 7 4 7 1 5 6 8 7 4 7 1 5 6 8 7 4 7 1 5 6 8 7 4 7 1 5 6 8 7 4 7 1 5 6 8 7 4 7 1 5 6 8 7 4 7 1 5 6 8 7 4 7 1 5 6 8 7 4 7 1 5 6 8 7 4 7 1 5 6 8 7 7 1 5 6 8 7 7 7 7 1 5 6 8 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	3	8 • 1 6 • 6 • • 1 9 • 1 6 • • 8 1 • 5 5 1 • 4 8 • 5 1 • 3	10 11 - 12	13 - 14 15 - 1	6 17 - 18 19 - 24	21 - 22 23 - 24 25 - 26	27 - 28 29 -	30 • 31	0.8.7w.8. p	16 37 17 117 117 117 117 117 117 117 117 1	5, 76, 72, 123, 123, 142, 74,	, i
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- / 47	7.7 2.1	3.9 3.1	6							cų	94	135	5.6
4 / 45	.1 1.1 1.5 3	2.6 2.5								53	63	134	8.
4/ 43	٠٤ ١٠	1.6 .7								3.5	2.8	103	6.6
21 41	.8. <u>1.9</u>	• 8, _ • 3, _								2.8	28	75	126
6 / 25	• 3 • 3									4	4	5.8	77
7 / 37										1	1	36	62
71/35												6	5.3
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Element (X)	2,,	Zz	<u> </u>	-	No. Obs.			Meen No. e	f Hours wi	th Temperat	wre		
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Dry Bulb	22216 4	41914	52.4		930		+	• 6		1	1		9.5
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SLIBAL CLIMATOLOGY BRANCH USAFETAC AIT AEATHER SERVICE/MAC

TA1605 ZAPAGOZA AB SP

																	PAG	- 1	1270	- 1
																	- 40	• '	HOURS	
Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION (F)					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20 2	1 - 22 2	3 - 24 25 -	26 27 -	28 29 -	30 = 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dev
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4/ 73							-						-		,	7	3	0	•	-
71					<u>.</u>	• 1	. 9	1.0	<u> </u>	• 4	• 3					1	15			
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6-1 57						. 0	• 6	.5	?	• 1		·					2.5			
6/ 65				• 1				1.1		• 1							3.9			
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1 6			• 1	_				1.6	-	• 3							74			
/ 59			• 3	1.5	3 . 8	6.3	2.9	1.3	. • •								134			
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5-/ 55		++						• 5									78		_	-
4/53		• 1				1.5											6.8		-	
7/ 51		. 6				1.7		·					+	.						
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Element (X)		Zx'	7750		2 x 4 ~ 5	7-9	X . 7	13.5		No. Obs			,			d Hours wi				
Rel. Hum.			302Z		- 47 1			5.4		5.	1	10 F	= 32		67 F	• 73 F	- 80 F	- 93	F	Total
Dry Bulb		1978	-	!	395			5.2		8.				_ -		2.2	 			
Wet Bulb		-	3338		317			7.5			10 10		17	-			ļ			
Dew Paint		10	פנני	i	1 4 4	- T	3701	7.0	J / [8.	۱ ۱۰۰		1 1/1	7	t		1	1	- 1	

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATT AEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

16 / S ARASOZA AB SP # 73-81 ## MONTH

STATION STATION NAME PAGE : 1570-1707 ## MOUNTS IL. S. T. I

																									(L. S. Y.)
Temp.														SION (-						TOTAL		TOTAL	
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4/ 75			•							1.1			5	• 5				+	<u>i</u>		<u> </u>	. 22			·
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4/ 63				<u>!</u>	• 1						2.4		8					-			-	9 2			
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77/51		1.1	• !		• 8	• 3	. 9		.5		· 							1	<u> </u>		-	39		*	
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Element (X)		z _X ,				X		X	\exists	٠,		No.	Obs.					Mo	en Ne	. of He		h Temper	ture		
Rei. Hum.				\Box			\perp				\Box				10	F	1 32 F		67 F		73 F	- 80 F	+ 93	F	Total
Dry Bulb																		Γ		\perp					
Wet Bulb							\Box									I		T		\perp		1			
Dow Point							T		1									1				1			

AFETAC FORM 0.26-5 (OLA) REVIEW REVIOUS FRITONS

3°1535 ZARAGOZA AB SP 1500-1700 HOURS (L. S. T.) DAGE : TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) 0 1 · 2 3 · 4 5 · 6 7 · 8 9 · 10 11 · 12 13 · 14 15 · 16 17 · 18 19 · 20 21 · 22 23 · 24 25 · 26 27 · 28 29 · 30 • 31 • 1 2 • 1 3 · 3 5 • 4 1 1 · 2 1 9 · 6 1 7 · 7 1 8 · 1 1 1 · 5 6 · 7 2 · 9 · 6 · 7 · 1 · 1 · 1

No. Obs.

794

794

1 32 F

44.815.163

61.8 7.222 57.4 5.226 38.7 8.088

356.4

39938

PSYCHROMETRIC SUMMARY

21.2 8.3 .5

SURBAL CLIMATOLOGY BRANCH

ATO AFATHER SERVICE/MAC

USAFETAC

(OLA) 0.26.5 12

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dow Point

1778842

3 73757

2336566

SLIPAL CLIMATOLOGY BRANCH Uniferac

PSYCHROMETRIC SUMMARY

STATION	TARASO		\$1	ATION NA	ME				73-	y ,			YE	ARS				MOR	P Q NTH
																PAG	Ē 1	HOURS IL	<u>- 2 * (</u>
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(F)	0 1.2	3 - 4	5 - 6	7 - 8								23 - 24 2	5 - 26	27 - 28 29	- 30) + 3	D.B./W.B.	Dry Bulb	Wet Built	Dew P
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/ 73									• !		•1						<u> </u>	÷	
7 / 77						• 1]			. 4		• 1			1	,	· 5	5		
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4/ 77						• 1			:			• 1				9	,		
/ 71		+				<u> </u>	• •			_ • 1		<u>-</u>				19			
1 50				• 1		َ ۾				• •						26			
6/65		+	. 4	.6		- <u>- a</u> i	1.4	1.4	. 4	• 1	·	-			+-	25			
4/ 62.				1.									}	!		£ 6			
7/61		• 1		1.7	2.5	2.4	7.	- 0	7						+	77			
/ 59		•	1.4	3.1	4.0	3.5	1.5			. 1			1	;		120		-	_
1 5.7	-	. 8	2.	1.0	3.3	1.4	1.7									84	+		
/ 55		. 4	1.8	1.6	1.8	1.5	• 1									5.8	5.0	19	
4/ 5				2 . 3		1.3							į			5 8	-		
./ 51		2.3				• 9										77			
1 43		1.4											!			45			
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lement (X)	Z x '			ž z	~~	1	•,		No. Ob	•. 1				Mean No.	of Hours	with Tempera	ture	·	
lel. Hum.			<u> </u>		+			-+-			± 0 F	= 3	12 F	€ 67 F				F	Total
Dry Bulb					\top							1			1		1		
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ew Point								\Box							I				

USAFETAC 1044 G-26-5 (OLA) remato remous formos or his folsa alti oscolo

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AT *EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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•				-										•	LANG			PAG	,	1873	-273
Temp.						ME.	TBULB	TEMPE	RATUR	DEPR	SSION	(F)						TOTAL		TOTAL	
(F)	0	1 . 2	3 - 4	5 - 6	7 - 6	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 3	C ₁ = 31	D.B./W.B.			Dew P
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j	7						-														
Element (X)		2 g'	7 6		2 x	- 6	X	7.	EN	No. Ob		·						h Temperet			
Rel. Hum. Dry Bulb			2 55		469		58.5				77	101		32 F	11		23 F	- 80 F	≥ 93 (F 1	erel 9
Wet Bulb			7628		391		48.9				00		-+		+ 11		3 6 3	<u> </u>	'		- 9
Dew Peint			1604		311		39.9				00			20.7	 			 -	+		

C FORM 0-26-5 (OL A) HINSE MENOUS EDITIONS OF THE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP AEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1505 LARAGOZA AR SP 73-81 APP 3TATION NAME YEARS WONTH PAGE 1 2120-2322

Temp.						WET	BULB	TEMPER	RATURE	DEPRE	SSION (F)					TOTAL		TOTAL	
(F) [0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 16	19 - 20	21 - 22 2	3 - 24 25 -	26 27	. 28 29 -	30 - 31	D.S./W.S.	Dry Bulb	Wet Bulb	Dew Pa
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6/ 15		1	i			. •		i	1	J i			į	i.	1	[6	. 6.		
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2/ 61				1.2	1.5	5	. 4	. 4	. 1	1000							. 35	3.5		
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. / -7			. 1.1	2.2	. 2 . 2	1.0		• 1					:				59	5.9	17	
/ 55		.7	1.	1.5	1.2	1.6	. 4	+										52	31	
4/ 53		. 1	2 . 2	3.7	. 7.2	1.1	4										. 81	82.	5.7	
2/ 51		1.6	3.1	2.7	4.5	1.1				*****							110	110	61	
1/ 49		2.5	5 . 2	3.5	3.1	. 7	• 2										123	123	98	3
1./ 47		1.4	3.2	2.9	3.7	. 4	. 1	•									C 4	94	172	
4./ 43		1.7		3.4	2.4	• 3	.							1			69	69.	122	
4/ 47		. 5		7.1	4	• 1		•		+				-			25		114	
2/ 41		6	1.6	1.5	. 2	7											7.2	32	7:	1.5
/ 39			•	. 1		+								-			7	7	٢1	
. / 37			• 1	i.													. 1	1.	4 €	9
./ 35			• 1		•	•		+	+								1	1	71	(
4/ 33:									,										3	5
7/ 31						•			•	•									1	
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el. Hum.			173		5 7 4		62.9				35	= 0 F	s 32		≈ 67 F	≥ 73 F	- 80 F	• 93 F		Terel
ry Bulb			3782		419		52.2				33			4-	• 3					
let Bulb			7112		369	L	46.1				52			1			_			5
lew Point		128	118	•	315	28	39.3	7.2	21	81	05		18	7			1			9

TAC NOW 0-26-5 (OLA) MYSE PRINCUS ENTIN

GLIBAL CLIMATOLOGY BRANCH LSAFLIAC AI JEATHER SERVICE/MAC

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/ F1		1.2		3.6	7 - 8	7 - 10	11-12	13 - 14	13 - 10	17 - 10	17 - 20	21 - 22 2		23 - 20	7 - 20 27	- 30 - 31	7	7		-
7 79		İ										-1	1	- 1	•		7	3		
7 / 77								.1	• ^	• 2	- 0	•-	.7				27	27	⊢ — →	
15/ 75			!			• • •		• ?	. 1		. 1	. ^		1	1	1	4.3	4.3		
4/ 73						•	• 1	• ?	• ?	• 1	• ~	• -	ان.		1		4.2	42		
2/ 71						ℂ	. 7	. 3	• 2	• 1	•1	_ • ¬′_					6.5	65	 i	·
1 69		-			• ^	• 3	. 4	• 2	• 3			• "					1 7 3	1 5 3		
6-1 67				· `	• 1	• 3	• 3.	• 3	. 3		• ! .						101	151	٠	
6/ 65				• 1:	•?	• 6	. 4	. • 6	• • 5	• 2				i	1	1	160	167	2	
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1 × / 55 1		. 5			1.4		. 6	• 2							!		438	439	2,2	
4/ 53		• 6			7	4	<u> </u>	- 5		·		-		+			48.	481	455	
2/ 51			2.4			. 6	. 4	• -						'	,		555	565	578	
- / 40	- 5	1.8	4.7	2.5	1.5	. 8	• 2			 			+	+			693	594	693	٠
1 47 47	• 3	1.0	2.8	2.2	1.3	. 3	• 1		j		ì			1			579	579	891	
1 / 45	•1	2.4	2.3	7.2	1.2	• 2	,				1						507	591	912	
4/ 43		. 9	1.4	1.7	• 3	. 1			i	L	I			1			283	260	693	
27 41			2.1				i		1		7				•		315	315	554	•
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30/ 33;	• ′	•1			; i	!	į		1		į į	:		;		i .	7	7		
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Element (X)		2×,			ZX	\bot	X	" A		No. Ol	8.						th Temperat			
Rel. Hum.												10F	- 1	32 F	± 67 F	• 73 F	> 90 F	- 93 1		Tet
Dry Bulb																 	+	+		
Wet Bulb Dew Point																 	ــــــــــــــــــــــــــــــــــــــ	+		

GLIFAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** COLFETAC ATT WEATHER SERVICE/MAC STATION STATION NAME WET BULB TEMPERATURE DEPRESSION (F) Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 .347.620.221.376.111.7 7.5 5.1 2.8 1.5 .6 .7 .0 .0 6354 CTAL REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE 0-26-5 (OL A) 11 Z_X 399344 No. Obs. Element (X) 6354 # 47 F | # 73 P | # 80 F | # 93 F 25721528 Rel. Hum. : 32 F 6367 13.8 195165.2 339198 44.3 Dry Bulb 13975375 295615 6354 720 Wet Bulb 248901 6354 720

SL RAL CLIMATOLOGY BRANCH USAFETAC AL- REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

PAGE 1

Temp.								TEMPER										TOTAL		TOTAL	
(f)	0 1-	2	3 . 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30	+ 31	D.B./W.B.	Dry Bulb	Wet Builb	Dew Po
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771					<u></u>			• 1	·		.	+						1	1	•	.
1 69						• ,				i					•		· · ·		4	•	_
/ 67			• 1	. (1)		1.5	• 6			• 1								. 23		_	
5/ 55			• ?		?∙		• 7	• 1		1								4.7	41	1	
4/ 63		1_		1.4				• 1		<u> </u>								6.5	59	1	
7 61		5		1.7		• 7	,			i	1-							. 46	45	11	
/ 39			2 • 1	2.9		2.5	• 5	b				+			·			£ 8		24	
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/ 45				3.2	1.1						-	•			1			69	60	139	· 9
1 47				1.4	. 5													7.5	3.5	105	
1 45		7	-	1.0														24	24	72	12
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el. Hum.		77			458			5.73			14	10F		32 F	≥ 67 F		73 F	- 80 F	• 93 1	-	Total
ry Bulb		89	1		478	- 1					-				4.	٠,	.1				9
or Bulb		961			366	1	7	4.82		_	05			- F		+					9
ow Point	10	70	448		300	22	77.5	6.05	0	8	05		1	2.4		Ì			1		9

PSYCHROMETRIC SUMMARY

GLIBAL CLIMATOLOGY BRANCH CHAFLIAC AIR AFATHER SERVICE/MAC

Temp.						WET	BULB	TEMPE	RATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 . 6	7 - 8	9 . 10	11 - 12	13 - 14	15 - 16	17 - 16	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.B./W.B.	bry Bulb	Wet Bulb (Dew Pa
6/ 65			-	7	+	1	+	• 1					-		1		!	+	<u> </u>		
4/ 63			. 1	• •	1.~	5	. 1	1					i .	1			1		22.		
/ 61				2.0						+				-	, 		+	35	36	2	
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5 / 55			2.6	_										1		:		6.9	6.9	56	_ 1
4/ ===			3.8			-							•	•				124	124	33	3
7/ 51	• •		7.8	-														123	123	111	5
· / 43			5.5		*					+			•	•	+	<u></u> -		89	89	120	7
4.7 47			4.1				•		1							i		77	7 ?	157	,
21/45	. •		2.3						+	•+						 -	+	62	5.7	91	:
4/ 43	• •		3											!	i		1	12	1?	5.9	, ,
2/ 41	• 1				+		•	:	•	+				+				13	17	43	1
47/ 39 L	• •	.1	_															• •		33	
7 37				•		-	•		+	+			•	+				·		7	
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7/ 31									1						1						
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TAL		19.5	33.5	37.4	11.2	4.7	4	• 1	 	+					+	·		+ +	074		7 9
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Element (X)		Z x'			Zx	' 	Ī	-		No. Ob:	. 1				Mean ?	to. of H		th Temperatu	re		
Rel. Hum.			2279		581	06		11.7			96	: 0	F	1 32 F	- 67		73 F	= 80 F	≥ 93 F	7	erel
Dry Bulb			5136		429			4.9		8 :					1	_		1	1		
Wer Bulb			5383		388			4 . 6			96				 	_		†	1		
Dew Paint			5068		354			5.9			96			3.7					+		9

SLIBAL CLIMATOLOGY BRANCH USAFETAC AIR AEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION JARAGOZA AB SP YEARS 1600-0800 HOURS (L. S. T.) PAGE 1

Temp.												E DEPR									TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	6 7	. 8									2 23	- 24 2	25 - 26	27 . 20	29 - 3	30 + 31	D.B./W.B.	Dry Bulb		Dem P
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4/ 63		 -		1.	÷		1.1	- -	-+-	• 1	 -	+		 	+-				+		29	20	-	•
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5 / 55		2.3							- +			 -	!	+						-	113	·	55	2
14/ 53	• 0		3.7			. 6						1	1	;							100	100	103	_
1/ 51			6.8						+		+		+	+							171	121	114	
5 / 49			5 4		- 1	Ç			1			1	:				;				24	64	145	
4 / 47		1.5				• 7		+			+	+		+					+	+	55		125	
4 / 45		: 1.5 : 3. :				.1		1											;		5 D 5 G		88	
4/ 43			2.3			::		+			+		+	+	+-	-+					19		59	
2/ 41			9			• 1			1			1				1					15	_	41	
4/39		•			-			<u>. </u>				+			-					+	13			
30/ 37		1			i				- 1		1	i .				:						,	12	
7. / 35		• 1			- 			 	+		 -	+	+						<u> </u>		 1			
34/ 33		į	!		1				1		i			1	1	'							3	2
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j		1	i	1	1	f		1	- [1									i I			
F1		Zz'	<u> </u>	+	Σ,		_	T	+		┵┯-	No. O	<u> </u>	<u> </u>				Maga	Ma ce	Maura mi	th Tempere	<u></u>		
Rel. Hum.			7253	. 		591			- 74	1.			17	= (-	1	32 F		7 F	. 73 F	= 80 F	• 93	7	Torel
Dry Bulb			2231			37				5.2			19	3.0	<u> </u>	 	-2 T		'.	- /3 4	+	+ - 43	-	9
Wet Bulb			9419			396				4.7			in			}			** +		+			 9
			2271			361				5 . 6			10				3.2				 		-+	
Dew Point		107		ــــــــــــــــــــــــــــــــــــــ			~ ^_	771								┸	7.2				ــــــــــــــــــــــــــــــــــــــ			

TAC FORM 0.26-5 (OL A) REVISED REVIOUS EDITIONS OF THIS FORM AR

GETAR CRIMATOLOGY BRANCH
USAFETAC

STATION			ST	ATION N	AME								YEARS					MON	47H
																PAGE	•	1973.	-11
Temp.					WE'	BULB	TEMPER	RATURE	DEPRE	SSION (F	:)					TOTAL		TOTAL	
(F)	0 1-2	3 - 4	5 - 6	7 - 6	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	3 - 24 25 -	26 27	- 28 29 -	30: = 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew
7 / 77					1		+	. 1								~ ~	Ł.		
/ 75						-		• •	. 1		1					ç	9		
-/ 73					•		. 6	• ?		+						13	14		
/ 71								• -	• 1							13.	13		
1 59		·		1				• !									32		
						1.1.													
1 / 67					1.8			. 4	<u>· · · · · · · · · · · · · · · · · · · </u>							. 37.	38	+	
61 55			1.1	-	_		1.2	-								7 1	7.7		
<u>-4/ 53.</u>		• <u>.</u> ~	<u>- ?•</u> ,	?•₽		<u>. 19</u>	+	. • 7								. 111.	112		
1 6:	•	4 1.0		-												96	75	2.5	
1 / 59		6 3.3	3.4	5.5	4.	1.1	2		·							140	157	5.8	
1 57	•	5 1.6	2.6	3.3	1.											9.2	€ 2	° 6	
5 / 65	1.	2, 1.0	3.1	2.3	1.5	3	! <u>.</u> .									7.5	76	118	
4/ 50	1.	1 1.6	1.7	1.5	• 2	2 • 2										5.2	5.2	161	
* 1/ 51		5 1.2	1.7	1.6	. 4	,										3.8	3.9	115	
£ / 46		-+	*·		<u> </u>								+-			19	19	37	
/ 47		4 .1	. 9					1								14	14	70	
4 / 4		1			•		+		•							1	1	41	1
4/ 43	•0	-						i									- 2	7.2	-
12/ 41		1														1	1	11	1
40/ 39	•	•					!									•	-	1	•
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7 35																			
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Element (X)	ZX,			Z X		X	<u></u>		No. Ob							th Temperet			
Rel. Hum.		£8368		497			13.2			10	10F	= 32		≥ 67 F	≥ 73 F	- 80 F	• 93	F	Terel
Dry Bulb		36274		498			5.9			25				12.4	3.		 		
Was Buib		85100		437			4.5			18						1	1		
Dow Point	17	40641]	374	23	45.	5.9	13	8	lê .		1 1	8		_	1	ì	i	

USAFETAC FORM 0-26-5 (OLA) RIVIDE REVIOUS ESTIMOS OF THIS FORM ARE OBSOLITE

PSYCHROMETRIC SUMMARY

GL. BAL CLIMATOLOGY BRANCH Unafitac Alt Stather Service/MAC

STATION STATION NAME 12 0-14 0 HOURS (L. S. T. DAGE 1

Temp.	i					ET BULB										TOTAL		TOTAL	
(F)	0	1 - 2 3	-4 5	- 6 7 - 1	9 -	10 11 - 12	13 - 14	15 - 16			21 - 22	23 - 24 25	- 26	27 - 28 29	. 30 > 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
4./ 95	,			- :	1		;		• 1	• 1		•1		,	-1	. 4	4		
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. 1 79	1		·				1	1.				• 1				17	17		
7 / 77	,				.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-	1.			• 7	• 4	-				4.8	5 !		
/ 75	**********						1.5		-		• 1					36	37		
4/7					•	2 1.7	• 9		1.2	• 1						. 47	4.8		
7/ 71			_ +		<u> </u>	- 2.1		• 0								4.9	5 ~		
1 59				. •	1 1.				,							7 =	75		
/ 67				1.			3.3	. 4								89	91		
6/ 55				-		6 4.1		. 7								٤ ٦	9.3		
4/ 63						7 4.7		. 6								125	126		
. / 61			•7 1	·6 l.	9 2			• 1	1							67	67	_	
/ 39			• <u>1 </u>	• 7 1 •	1 2.			. 6	,	······································						71	71		
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5 / 55	·	. 2	.4 1		7.1.		لسحب									30	29	148	
4/ 52	• 1	• 2			1	• 1										! 1	11	162	Í
7/ 51			• 1		u i		<u></u>	<u> </u>								4	4	7	
1 49			• 1													1	1	° 6	7
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lement (X)	 	2 x '		ZX			-		No. Ob					Meen No. o	of Hours wit		***		
el. Hum.	 	1943	15,		471		12.0			1.	10F	= 3	2 F	≥ 67 €	≈ 73 F	- 80 F	× 93 1	F 1	Total
bry Bulb	1	37.5.	223	54	787	65.8			<u> </u>	50		-		44.4	27.02	3.9		1	9
	 	2494	17.7	UE	774	55.2	4 . 5	23		1					 		+		
Het Bulb	l	6777.	, <u></u>																

SECTAL SLIMATOLOGY PRANCH INTELTAG ATT LEATHER SERVICE/MAG

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	73-8! YEARS	M A Y
		PAGE 1	1510+1700

Temp.				WET BULB T									TOTAL		TOTAL	
(F)	0 1 2 3	4 5 6	7 - 8 9 -	10 11 - 12	13 - 14 1	15 - 16	17 - 18	19 - 20 2	1 - 22 2	3 - 24 25 -	26 27 - 28	29 - 30 - 31	D.B./W.B.	Dry Bulb	Vet Bulb	Dew Poi
/ = .			7							•1.	1 • 1		3	3		
7.84					.1					• 1	• ?		4	4		
5/ 57								• 7	• 1		5 . 7		a	a		
6/ 25								• ".	. 4	1.0	5 • 1		21.	21		
-/ =							. 9	1.5	• 4		1		3.0	31		
/ / 21					• 1	. 1	1.5	1.4	1.5	· 6 ·	?		45.	4.5		
/ 77						• 6	٠ ج	. 6	• 6			•	. 18	21		
7 / 77				!	•1	1.	3.4	7.7	1_				67	6 7		
TS/ 75				•1 •1	1."	• 9	2.5	• 9	• 2				٢2	54	1	
14/ 77				•1 •3	1.7	1.7	1.6	• 5					5.3	5 7		
7 71			• 1	.1 1.°	1.6	1.7	1.0	• 1	- 1				5.7	5 7		
1 55		• 1		. 5: 1 . 7º				• 1					7.9	ĕ ⊋		
- / 67		•1 •1	•1 1	• 5 ? • C	4 . 6	1.2	-	.1					9.3	9.3	5	
3/ 6E				.5 7.3			. 4						75	75	*5	
4/ 67	• 1	• 7	2 € 2	· F : ? • ·	1.6	1.1	• 4						2.3	3.2	74	1
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5 / 57]	. 4	. 7 . 0	• 2	.6 .4	_ •1								2.7	2.71	173.	
5 / 55	• 4	•4 •1	• 2	.1 .1									13	1 7	150	
4/ 53		• 1	• 1		1								3	3	123	4,
/ 51	• 🖺	.7 .1		1			7						5	5	6.5	£.
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/ 47	• !												1	1	7.6	?
· / 45	• ?												2		14	14
14/ 43											_				r,	7
2/ 41																1.3
4 / 77											:					ć
7 / 27																3
" / 35	•												. ,			2
3-/ 73		<u>i</u>		نـ ـــــــــــــــــــــــــــــــــــ							<u></u>		· -+			1
./ 31																1
7 / 71		<u>i i i</u>		i i	:											
1 77						- 1										
1 25				i		i	1	1			4		<u>i </u>			
Element (X)	Σχ'	ž	x	X	•,		No. Ob). T			Mean No	. of Hours w	ith Temperati	110		
Rel. Hum.									2 0 F	1 32 F	≥ 67 (- 73 F	■ 80 F	≥ 93 F	1	lete
Dry Bulb										1	1			1		
Wer Bulb		1				1										
Dew Point		-		1						 	7			+		

USAFETAC NOW 0.26-5 (OL.A) BINNO MINIOUS EDITORS OF THIS NOW ARE OBSOLUTE

SECRAL CLIMATOLOGY BRANCH LEAFETAC ATH LEATHER SERVICE/MAC

STATION	ZAPAGOZA		ON NAME				73-3	·			YE	AR5		PASE		MA MON 1577-	TH
																HOURS (L	. s.
Temp.			WE	T BULB	TEMPERA	TURE	DEPRES	SION (F)					TOTAL		TOTAL	
(F)	0 1-2 3-	4 5 - 6 7	8 9-1	0 11 - 12	13 - 14	5 - 16	17 - 18 1	19 - 20	21 - 22	23 - 24 2	5 - 26	27 - 28 29 -	30 = 31	D.B./W.B.	Dry Bulb	Wet Bulb [Dew
/ 2.			İ		i i							!		1			
(TAL	7.2 7.	1 3.3 5	• ⁷ 8 •	415.3	10.11	3.1	12.2	9.7	3.5	2.5	1.5	• 5			927		Q
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Element (X)	ΣX,	Σx		X	T.		No. Obs					Mean No. of	Hours will	h Temperen	,70		
Rel. Hum.	163052		4334		14.84		9.1		101	1 1	2 F	2 67 F	• 73 F	- 80 F	• 93 P	7	0101
Dry Bulb	417370	7 5	7711		9.26		8 2					59.3	34.7	14.0	1		
Wet Bulb	259836		5684		4.72	_ 1 .	31	1				, B	• 1		-		
Dew Point	1649 3	3	6223	44.5	6.39	1	81	2		'	4 . 1	• 1		<u>i</u>			

PSYCHROMETRIC SUMMARY

STATION	. A D	A 5 0 Z	A A	5 SP	TATION N	AME				73-	81			YE	ARS				MON	
																	PAGE	1	1573-	<u>-230</u>
Temp.						WET	BULB '	TEMPER	ATURE	DEPRE	SSION (F)					TOTAL		TOTAL	
(F)	0	1 . 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 16	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 29	- 30 = 31	D.B./W.B.	Dry Bulb		Dew P
- 4/ 97						į.		:					-1	. 5		1	6	5		
6/ 25						<u> </u>		<u> </u>			• 1	• 2	. 5	. 4	1	1	1 ~	17		
-/ 3 3					-					• 5	1.5	. 7	. 4	• 2			27	2.8		
/ E1						.						-5	.6	• 1			37,	31		
/ 79								• 1	-	• •		1.7	• 2		i i		26	26		
7 / 77							. 1				1.0	. 7			·			<u>5</u> 5		
16/ 75				• 1			:		1.6		• •						71	32		
4/ 73			• 1			• 4											46	45		
71			_	_	_	_		1.6									4 1	42	_	
/ 65			!	• 2				1.7		• 7								5.8	<u> </u>	·
6 / 67								2.1			• ?	• 1					65	6 6	3	
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Rel. Hum.		^		·	- A	-+-			-+-	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		10 F	•	32 F	= 47 F	- 73 F	- 80 F	• 93 1	, 1	Total
Dry Bulb						-+-			-+-		-+		+-			+	1	1		
Wat Bulb						_		 							 	†	 	 		
Dew Point								t	_				+-			 	 	1		

USAFETAC Nom 0.26-5 (OLA)

GLORAL CLIMATCLOGY BRANCH JEATETAC ATT REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION		RASOL			TION NAME				73-				YE	ARS					MOH	
•																	PAGE	•	1800-	
Temp.						VET BULB	TEMPE	RATUR	E DEPRE	SSION	(f)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8 9 -	10 11 - 12	13 - 14	15 1	6 17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30	+ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew P
CTAL	• :	4.5	4 • 1	5 • 3	9 . 4 J. 7	•074•0	12.3	iro.	9.3	5.9	3.3	1.0	1.1	• ?	- 1		g - 7	419	677	Q ~
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Element (X)		2x'	-,,	Z		R	,		Ne. 01	37							Temperat			
Rel. Hum. Dry Bulb		7 29 3762			78730 5716		17.1			16	201	- 1	32 F	# 67 F		73 F	- 80 F	• 93	<u> </u>	Terel
Wet Builb		247.			44456		5 . :			37		+		•				+		
Dew Point		1544	935		36-35	44.	6.6	77	8	C7		1	4.3	•	1			1	\Box	

USAFETAC FORM 0.26-5 (OLA) REVISIO MENDOS IDITIONS OF THIS FORM ARE OLD LEE

SEC AL CLIMATOLOGY BRANCH INFETAC AT: REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25 CEPAGOZA AB SP 73-81 YEARS WONTH PAGE 1 21-2705

						W.F.2	0.00			0500	*****	(5)										L. S. T.)
Temp.	-							TEMPER					2 22			10 30		TOTA	B 0	9.15	TOTAL	O 6
+	0	1 - 2	3 - 4	5 · 6	7 - 8	y - 10	11 - 12	13 - 14	15 - 16			21 - 2	2 23 -	24 25 -	26 27 - 3	74 29 .	30 - 3	1 D.S./W	Dry	dulb.	met Bulb	Dew Po
/ 21								1	i I	• !			. !						1	1		
7 / 77			<u> </u>				. 1	+				4							ç .	,		• · ·
1/ 75					!		_	• 6	. •	,								-	6	17		
4/ 7:							4												<u> </u>	12.		
71		:			7.1		-	:	. 4		: •1							_	3	36		
1 69			<u>. • !</u>			1.1	+	1.0							-i				3	34		
67				• 1		3.0		-		• 1								_	•	49		
<u> 67 65.</u>		1	4		1.7			1.6	. 1		1								5.	58.	_ <u> </u>	
4/ 63		• 1	• 2			2.5									1				5	ê 7	1.	
1/ 51		•	. , ,		2.	<u> </u>	. 9			<u> </u>									5	55	19	
/ 59		1.			3.4	3.9	. 4								1			1 1		117	50	
- / 57		. 2.6		2.2		1.7					.								9	99.	9:	
5 / 15	• 4			2.6		• 7					•				:				5	75	112	-
4/ 53		+			1.4														٤	55	1 79	4
/ 51		1.4			-	5									:				1	52	111	ê
5 / 45		. 6	+			1 - 1		+			<u>. </u>								5	36	115	. <u></u>
4 / 47	• 1				• 4														0	9	71	. 5
1 / 45		• 1		. 4			·												4	4		. 11
4/ 43		• :		• 2				į.											3	3	26	3
·?/ 41		· · · · · · · · · · · · · · · · · · ·	· ·	· · · · · · · · ·						_	+											12
1 / 35									i		1										7	5
7./ 77			•.— ·					·		+	· 	•										1
7 7 35											i	•										1
3 1 73		·	•		 .					.		·			<u> </u>					+		. 1
7 31								,				1		:			1					1
7 / 25		*		•				<u> </u>	<u> </u>	· 												• · -
2./ 37									ļ		1				1	1						
- / 23		.			i			L		.	<u> </u>				1			-				
OTAL :	• 5	· ° • 5	12.1	17.8	27.9	17.8	0.0	7.0	2.2	1.7	• 5	•	1		i	!	1	:		215		9.
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Element (X)		Z _X ,			Z z		-	•.		No. O	<u> </u>	ل	┷		Hee	Me.	d Haws	with Temp	erature.			
Rel. Hum.			4113		484	3.8		15.7			103		P	1 32 F		67 F	+ 73 F			+ 93 F		Total
Dry Bulb			5514		492			6.8			16	 '		2 34 P		7.6	5.		-1	- 73 (9
Wer Bulb			7649		422			4.8			32				+-•						-	
Dew Paint			2831		366			6.1			03			2.	-				-+-			
AA LOIM		F1 -	F021		700	7.01	72.0	0 0 1	97		, 5 5	L	1	٠.	' l				1_		L	

CL PAL CLIMATOLOGY BRANCH USAFETAC ATT +FATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION				•	TATION N	AME									ARS					HTH
																	DAG	<u> </u>	HOURS	L . S. T.
Temp.	;					WET	BULB	TEMPER	ATURE	DEPRE	SSION (1	F)					TOTAL		TOTAL	
(F)	0	1 . 2	3 - 4	5 - 6	7 8								23 - 24	25 - 26	27 - 28 2	- 30 = 31		Dry Bulb	Wet Bulb	Dew P
/ 11	·																3	7		
/ 89										,		1	n:	-	-	i	. 4	4		
E/ 37	•	<u>.</u>	•			·		·				•-	. 7	• 1			14	14		
6/ 40										. ~.	• 1	• 1	. 2	• 1	~ .		35	25		
-/ 3:						•					. 4	• 2	• 1	• •			5.3			
/ =:								• ~	. 1	. 4	4	. 7	. 2	?			9.1	92		
170									• 2		• 2	• 2	•0				€1	64		
1 77							- 1	3	-		• 6	. 2	-			,	179	1 6 8		
7 -					•		+ i		• 5	• 7	• 2	• 0					145	157	1	
.,						. 1		. 5	٠	. 6	• ?					:	177	179	-	
71		•	<u> </u>		• 1		·										175	183		
/ 69			•	. ^			_		۵	. ?	. 5	•					278	284	3	
7 6 7	•			• • 1			+		- 4	• 2		٠,۲					351	355	17	
. / 65			. 1			1.3		1.2		• 1	• ?	•					396	403	45	
77 77		+ 1								• •							516	622	112	
1 6:		. 2		• • •		. 1.2	2		. 1	•							437	447	291	
7 = 5		.	1.7		<u>+</u>	4			•1		~						714	729	392	
1 = =	. 1	• -		2.3				•									544	548	653	
7 35		- 1 - 3	1.6			····· 7											524	524	849	?
1 5.7		1.0		2.7													500	500	992	3
-, -		1.4					+	+				+			·		433	435	794	5
1 45	•	. 9		1.1	2	. 1	-	:									301	772	789	6
7 47		- 7			. 4												190	190	6:6	6
/ 48	. 1	. 9		_							,					1	156	156	413	11
4/ 43								•									4.0	40	241	6
27 41		2		_						i .							2.8	2.8	131	9
7 -		+ = =	·		+	·	.	+					+				4		74	4
/ 37	1		. •														1	1	23	7
7 35		•·· · -	+		•	•		÷									† <u>-</u>		- 5	1
1 / 73					:			:								í				10
77-31	• • • • • • • • • • • • • • • • • • • •		+			•		+				+			 		+	+		1
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lement (X)		Zx'		+	ZX		X	 		No. Ob					Mean No	of Hours wi	th Tempere	ture		
el. Hum.	 			+		\dashv		 -	-			= 0 F	5	32 F	≥ 67 F	■ 73 F	- 80 F	• 93 1	F	Total
by Bulb	 			†		-+-		 	-+		-+		+-	<u> </u>		 	1			
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AC FORM 0.26-5 (OL.A) REVIUD MEVICUS EDITIONS OF TH

USAFETAC POR A SECOND

SETTAL CLIMATOLOGY BRANCH OFATETAC ATT AFATHER SERVICE/MAC PSYCHROMETRIC SUMMARY WET BULB TEMPERATURE DEPRESSION (F)

1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 ±31 D.B./W.B. Dry Bulb 9.415.217.614.512.5 9.5 7.6 4.9 3.9 2.2 1.7 .5 .7 .1 No. Obs. 38 782 399 ú2 339494 Rel. Hum. 6461 24882514 19130588 13369536 61.0 9.053 52.5 5.449 653° 6461 Dry Bulb 1.6 201184 45.1 6.177

0.26-5 (OL A)

SLOPAL CLIMATOLOGY BRANCH USAFETAC AI- MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	. ARAGO	ZA AB	SP STATION NA	10.F			73-81			ARS				J:J	
STATION			STATION NA	NME.					**	ARS		PAGE	•	7070-	. ~ ~
				WET BU	9 75485		DEPRESSION	1 (E)				TOTAL		TOTAL	<u> </u>
Temp. (F)	0 1.2	13.4 5	. A 7. B						3 - 24 25 - 26	27 . 28 . 29	. 30 + 31		vy Bulb		De w
/ 91					• 1		· · · · · ·						· · · · · ·		
1 75:				• 1	. 3		. 3	1				ě	6		
7 / 77				• !	5	• ?	• 4		~ 			17	1 7		
-/ 75			. 1	• 3	.5 .4	. 1		1				1.2	1?		
1-4/ -3			.1 .		• 2 • •	• 1	•	+				26	26		
1 71			٠ د	. 9 1	• 6	• ₹	. 4					34	34		
1 69		• ?	.4 7.7				·	-+		- -		۲5	55	1	•
4 / 67		. 3: 1	.6 3.5	4.3 2	.1 .4	• "						Ç. 7	97	9	
67 65		··· ?	.1 3.1	2.5 1		1						79	70	1.6	
47 63	• 9	2.2 4	.2 5.2	2.6	• 5							120	127	79	
7/ 61	1.9	1.3 1	.9 4.	• 8	• 3							79	79	74	
4 / 59			6 2.7		• 1	.						9:	97	119	
1 57			2.5 2.1	. 9	• 3							79	0	146	
5 / 55	1.7		. 4 1 . 3	• 1						· · · · · · · · · · · · · · · · · · ·		4.0	41	113	
4/ 57	•1 •3		-									16	15	176	1
2/ 51	•1 •4											11	11	56	1_
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TOTAL	-6 c 9	17.119	. 425.6	16.00	. 6 4 - 4	1.6	· 1. 7'	·					777		
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Element (X)	Zx'		Z X	¥	-		No. Obs.			Mean No.	of Hours wit	h Temperatu			
Rel. Hum.		3274	492		-013-9		770	= 0 F	1 32 F	≥ 67 F	■ 73 F		* 93 F		etal
Dry Bulb	31.6	2454	497	,	-7 6-0	,	772	1		50.0	7.3	• 5			
Wet Bulb	247	27.9	434		.5 4.4		770			1.1			1		
Dew Point	2.0	5711	397	55 5E	.7 5.5	99	770	 	.1			<u> </u>			

USAFETAC NOM 0-26-5 (OL.A) REVISIO REVISIOS EDITORS OF THIS FORM ARE

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J	ř	65	Ĉ.	T	A C							
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PSYCHROMETRIC SUMMARY

																			HOURS	. \$. T.
Temp.							BULB										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 1	6 17 - 1	19 - 20	0 21 - 22	23 - 24 25	5 - 26	27 - 28 29	. 30 + 31	D.B./W.B.	Dry Bulb	Wet Buib	Dew P
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6/ 75						3		. 3		!	-	1					<u> 6</u>	4		
4/ 73					. 1	. 4				<u></u> -							1.2	์ _ב	•	
7 71					1.7		=	•									14	_		
1 69				. 4			• •		-		•						19	10	•	
1 67					_		1										7.6	•		
5/ 65				7.1	2.2	1.7	. 1	. 4									E 0			
41 63		- 1			6.5			. 5									172	1.2		
1 4:					4.3												103	121		
1 50					3.1												148	• -	•	3
1 = 7							. 1										5.5	85		5
1 / 55	•				1.4		1							1			7.5	ั้งกั	-	
4/ 53		1.4					·	,	+		+						- E 2			-
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1 47	. 3	. 4	-	. ?													ŕ	7	-	,
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177		- ~				•	+	+			+	++							····	•
/ 35																				
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1 73										į				1						
111	1.7	13.0	7.5	31.3	22.7	8.5	7.4	3 . 7	+	1	 	+				+		770		~
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ement (X)		z K'			Ex		Ī	•	-	No. 0	.	1			Meen No.	of Hours wit	h Temperet	vte		
il. Hum.			7673		533	33	60.5				767	100	2.3	2 #	≥ 67 F	≥ 73 F	- 60 F	. 93 1	7	etal
y Bulb			1238		463		62				777	,			9.5			+		,
er Bulb			2 6		413	1	54.6				167	 				1	+	1		
ew Paint			332		382		49.8				67	 		- 2		 	 	+		5

JSAFETAC FORM 0.26-5 (OL.A) BENTED REFICURE OF THIS FORM ARE OSCULTED

BELRAL CLIMATOLOGY BRANCH

ATH ASSTHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

LIPASOZA AB SP 7675-7877 HOURS IL. S. T.I PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 · 2 3 · 4 5 · 6 7 · 8 9 · 10 11 · 12 13 · 14 15 · 16 17 · 18 19 · 20 21 · 22 23 · 24 25 · 26 27 · 28 29 · 30 × 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 12 12 11 11 **8** 5 39 77 rç 166 165 3.3 3.0 9.5 3.4 .3 1.7 3. 3.6 2.3 .4 3.9 2.7 3.4 1.8 .6 .7 2.3 .9 .9 .7 .9 1. .9 .4 1.5 .3 96 85 144 o 3 76 139 76 43 44 ٤ ع 74 R. E 24 13 13 51 1.9 3 1 1 117 71 6 i ć 88 12 7 0 2 1 1.-11.32(.131.923.5 9.0 2.5 Element (X) No. Obs. Mean No. of Hours with Temperature 787 = 67 F = 73 F = 80 F Rel. Hum. 57.5 5.396 55. 4.397 50.5 5.087 77 7918 47717 789 Dry Bulb 2391754 Wet Bulb 43749 787 95 39738

USAFETAC FORM 0-26-5 (OLA) BEINGE RETIONS OF THIS FORM ARE OBSOLITE

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATP LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14 25 _A PASOZA AB SP 73-81 JUN

STATION STATION NAME YEARS PAGE 1 297E-1123

Temp.						WET	BULB '	TEMPER	ATURE	DEPRE	SSION	F)				_	TOTAL		TOTAL	
(F)	0	1-2	3 - 4	5 - 6	7 - B	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24 25 -	26 27	- 28 29 - 3	0 + 31		Dry Bulb	Wer Bulb	Dew Po
/ 99		 	-	•		1	+			 							- 	1		
8/ 27			i.			i	•			Į.	• 7		i			į.	2	- 3		
6/ 25						-	-			1	• 1						2		•	
4/ 831						:			• 3		. 4						17	17		
1 9			1		•			. 7	. 4								11	11	•	•
1 79						• :	. 3	. 4	7	. 5							12	12		
7 / 77				*	• 7	-	7.7	. 9	1.0	• 1		•					. 34	34		
15/ 75							1.0		. 4	1							34	34		
4/ 77		-	•				2.5			•							5 3	5.9	•	
71/ 71					1 . 5	. 2.0	2.5	2.3	5	_							7.1	71		
1 69			. 4	• 3	2.7	3.9	3.3	1.7	• 1								2.3	9.3	7	
4 / 57	_		4	• 7	7.4	4 . 6	2.4	• •	1							<u>.</u>	9.7	37	14	
67 65			. 4	1.4	3.4	2.9	1.9	•6	• 1	,							£ 5	5	- 2	
4/ 63		. 4	1.6	2 . 4	. 3.9	4 . 3	1.5		• 1								113	114	62	
7 51		. 3	. 3	1.8	3.	1.8	. 4									-, -	6.3	5.6	177	1
/ 59		1.			1.9	1.5	. 4										5.2	5.3	179	
-1 57	. 7	1.	. 3			. 3			1								25	25	142	9
F / 55	. 4	5	. 4	• ?	• 3				<u> </u>					_ + _			14	14	114	ç
14/ 53		. 4	. 1		-									1			4	4	79	5
72/ 51		. 4	1	•	.	·			.	<u>. </u>						.	4	4	48	13
F / 44																			70	11
4 / 47			•	•			<u> </u>									+			5	t
4 / 45										1				1						7
4/ 43									·							 -				3
-2/ ul												1	ì	,		!	1			3
4 / 59			•		-	.				 		-				<u> </u>	 -		·	
7 / 77												1			i					
71/ 35		+		•					<u> </u>	<u> </u>				_		+	↓			
77/ 31									 	1	_			i	!	i				
STAL	• 6	4.6	5.1	9.1	21.9	23.4	13.1	9.4	5 . 7	5.5	• 9	• 1						792		79
			'				İ	1	1	ł				,	ļ	1	793		790	
+					+		↓							-+-		+				
							:	1	ĺ			: 1			1					
Element (X)		2 * '			E y		I	•	<u> </u>	No. Ol		<u></u>		<u> </u>	an Ma, af	Maura -1	th Tempera			
Rel. Hum.			77:5		454	7	57.5				90	1 0 F	1 32		* 67 F	* 73 F	- 80 F	- 93 1	F	Tatel
Dry Bulb			3-63		534		67.5				92				49.3	18.6			+	9
Wet Bulb			2487	-	467		58.3				97		+	+	2.4		+	+	-+	9
Dew Point		-	5224		405	- 1	51.3				90			. 2			+	+		,

GLIBAL CLIMATOLOGY SRANCH USAFETAC AIR AFATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

Te1575 ZARADOZA AS SP 12^3-1403 HOURS (L. S. T.) PASE 1

Temp.											ESSION (TOTAL		TOTAL		
(F)	0 1-	2 3 -	4 5	- 6 7	- B 9	- 10 11	1 - 12 1	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Buil	Dew P	0.01
1 -9					-					1				,	• 1		• 1	2	2			
3/ 97		- +									· 	<u> </u>		• :			i	. 1	1	•		
£/ CF										1		1 ;	• 7		,			4	4			
/ 27	i									<u> </u>		• <i>L</i> i .	. 4				4	, <u> </u>				
· · ·										:	• i		. 4					6 '				
/ 80											. 3	• •	• 3		·		_	17				
· / 37						1			• !			• ₹	• *	. 4				1.5	15			
5/ 4:		• .							• 1		1.3	. 5			.		·	17	17			
77 3								- 4	-	,	1.1	. 5	• 1	• 1	:			23	33			
- / °1						<u>• !</u>					1.9		- 1				,	71	71		. .	
7 / 77											1.0							67 1^3	67			
7.7.75	.									1.0				+			<u>.</u>	· 1 3	79	•		
14/ 73																		75	75			
77				• 4 1	• ^U :				1.7	• 3								· - (5)	73	. 13		
1 60					.•4 3 1						• 1							63	6.9 6.9	17		
51/67		· •			4 1		$\frac{2 \cdot 3}{1 \cdot 1}$. 4	+	· -			•	·				- 63			
16/ 65			u		. 4 1				. • •									34	34			•
4/ 63		_	4		•1 1		0	1						<u> </u>				 	- 33	1.6		Ė
17/61			. 4	• 5 1	. • 1 1	.1	4	• •										13	13	_		ĩ
7 / 59	1 1		1	.1						+								18.	1 6	118		-
· / 57	• • • • • •	į.	• •	. 4	• .	• 1												ě	à	176		9
5-7-55		1												 -			-	· 2	?	67		7
4/ 53	•			. 1							1							2	ž			7 3
7 -1												• • •		+			-			15		5 1
E / 40							:			i										4		96
4-1 47											+	+			+		•	•		1	- · · · j	7 .
4: / 45	· +							í		1												30
4/ 43										1				•	••		+			•	3	3 5
92/ 41					i	1				1					t						4	• 9
1, 1 15										 	1	·					•	1			1	5
7. / 37			ı	1		- !	į			1	}	, ;			. 1		i	İ		_		5_
7./ 35										1												4
3-/ 23	L		4							i	ì				<u> </u>		1					2
Element (X)	Σχ²			ZX			X	" ,		No. O	be.				Meen N	lo. of t	laurs wit	h Temperati	ure .			
Rel. Hum.									\Box			2 0 F		s 32 F	× 67	F	- 73 F	- 80 F	+ 93	F	Tetal	_
Dry Bulb																			J			
Wet Bulb																						
Dew Paint						1												1		. i .		

USAFETAC 104 0.26-5 (OL A)

SECRAL CLIMATOLOGY PRANCH SCAFETAC ATH WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb Dew Point •1 2.9 1.5 3.7 5.7 8.215.120.416.211.1 8.5 4.1 1.3 1.3 .1 791 17679 B X 45.213.909 74.7 7.569 67.9 4.385 Element (X) *67 F *73 F *80 F *93 F 77.5 55.9 22.5 1.7 Rel. Hum. 4456462 791 Dry Bulb 2946349 48121 Wer Bulb 790 9 7 790

BRYSED MEYIOUS EDITIONS OF THIS FORM ARE OBSOLETE 0.26-5 (OL A) USAFETAC

GL BAL CLIMATOLOGY RRANCH OFFETAC AT AEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION			STATION N	AME								YE	LRS	_				MO	HTH
																PAGE	1	HOURS I	
Temp.				WET	BULB T	EMPER	ATURE	DEPRE	SSION (F)						TOTAL 1		TOTAL	
(F)	0 1-2	3 - 4 5 -	6 7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 29	- 30 *	31 0	.B./W.B. D	ry Bulb	Wet Bulb	Dew
2/1 1				+			*	•				+	••		• 7	7.	7		
1/ 59									'			• 3	• •	. 3		16	1.5		
6/ 77												. 4	.!			4	4		•-
-/ 67												-	1.		. 1	1.7	1 ~		
7 0 1										7	. 7			. 4	•	15	1:		-
/ 81							. t		,					• -					
- / 3 / -									- 1	. 6	<u> </u>	• 4	<mark>: </mark>				$\frac{21}{23}$		
1/ 27									•		-	,				د ع			
- 1/ = -							• ?	• 1		2.4	1.7	<u>• ".</u>	• 4			4 ,	4 ~	.	. –
										2 • ?		• 5	• !			4.7	47		
1/63				·						1.1						<u> </u>			
./ 41										2.3		• 1				116	115		
<u> </u>								3.5			_ • !					76	_ 75		_
7 / 77				. 3	• *	1.5	3.5	3.4	1.0						•	: 6	- 5	_	-
1/ 75			• *	. 4	5.	3.1	1.5	2.0	• 3	• 1						5.5	55	2	
4/ 77			! .1	. 4	.6	2.3	2.1	. 8	• 1							F 2	5 ?	4	<i>,</i> -
7.7			• *	1	1.5.	1.0	. 5	. 4	, u							44	45	1.5	
7 (9			5 .5			1.5									+	36	36	- 🛨	
(. / 67		. 4	. 4	. 9	• 3	.6.	· u									7.5	2.6	74	
5/ 65			3 .1			. 4										16	15	1 9	
14/ F3			1 .5		. 3	•										19	10	179	
16		-11-	. 1	+				+										175	
1 / 29	1.6	••		. 1												16	16	173	
11 17 -			<u> </u>														- 5	* -`,=-	
5 / 55	,	• 1	, -													2	2	47	
14/ 53				•															
1/ 51																		-	
= / 4 + -				·								i						1	
•					1														1
: / 47		· · -									i_								•
- / 4 F					i			, 1											•
4/ 43				1				· .				1		<u> </u>					
-37 41										- 1				-					
4 / 35								! !				i	11	. L			_		
7 / 37																			
7 / 35					i			<u> </u>		i		i							
Element (X)	z _X ,		ZX		¥	" 1		No. Ob	8.							Temperatu			
Rel. Hum.										107	•	32 F	≥ 67 F	- 73	F	≥ 80 F	• 93 !	1	Total
Dry Bulb																			
Wet Buib		<u> </u>												1					
Dew Point			-	[- 7		1		7					1				1	

IAC NORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS

WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 21 D.8./W.S. Ory Bulb Wet Bulb Dew Point BEVISED INEVIDUS EDITIONS OF THIS FORM ARE OBSOLETE 0.26-5 (OL A) 32639 Element (X) No. Obs. USAFETAC 1356273 5.13373 3.63796 Rel. Hum. 795 . 80 F 1 32 F 73.9 8.598 61.9 4.311 49.8 6.210 95 52701 Dry Bulb 795 Wet Buib 49234 Dew Point

PSYCHROMETRIC SUMMARY

90

ATT AFATHER SERVICENTAC

GLIGAL CLIMATOLOUY BRANCH UPAPETAC AIT AGATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	PASOL		STATION NAM	ME			73-81			Y	EARS					NTH -
													PAG	E 1	1672	
Temp				WET BULB									TOTAL		TOTAL	
(F)	0 1 2	3 4 5	6 7 8	9 - 10 11 - 1	2 13 - 14	15 - 16	17 - 18 19 -	20 21 - 22	23 - 2	4 25 - 26	27 - 28 2	9 - 30 *	31 D.B./W.B	- Dry Bulb	Wet Bulb	Dew P
2/1 1	•												•! 1	. 1		
3/ 9											• <u>• • •</u>	• 4		7	.	•
-/ 97											• `		2	•		
61 4:									<u> `</u>	• 3	• 3	•1	• <u>1 13</u>	17		
7/ :									. 4	• •	• 3	• 3	1.3			
/ 41								• li					15			
/ #9									1.0							
<u> 87</u> 83.				4			·	F 1.1	1.0	1.7			34			
								4 1.4					37			
-/ = !					• 1		· · · · · · · · · · · · · · · · · · ·				<u> • 1</u>		37			
				-			3.3 2.			• 3			3 ?			
7 79						20	2.0 2.	0 •5					- · · <u>- 5 6</u>			
: / 11 -:/ 75			•				7.8 1.		• 1				_			
1/ /2 1/ +3 ···			· · · • · · · · · · · · · · · · · · · ·	- 7 1 · C				1	·		·		45			
/ 1		,	•! •!					1						-	•	
-/ 1 / 15-		- <u>- 1</u>	•1 •°	• ? 1.° • 4 1.6				·!							<u></u>	
1 67		-	.7 1.										4.3			
E/ EE		• <u>• •</u> -	• : 1 • • • • 4	1.6.1.			<u>•!</u>						42		43	
4/ 53	۰۹					• 1							•			,
-7 51-		· · · · · ·	-3 · 4 · 1	1.6	. 1				•				36		172	
1 20	.1 .8	• 5											14	-	122	1
-7 57-			• 3 • 4 • 1 • 1	- 4	·									7	174	· <u>-</u>
,	• - • 1	• 1	• 3										. 3	•	53	7
4/ 27		• 1	• 3		· +					+	•		1 3		29	
1	• 3	• 1										•		2	23	
7 4:								- i	i		+					ς
. / 47											i i				1	6
4 / 4:											 	+	_+	+		11
4/ 47			•		1	:					1		!			4
7 41					+		-		+		! 	+	-+			·
. , ,				;	1				i							1
7 7 77		- _		+	+	+					 -			+		·•
1 75					; ;		*						i	1		
lement (X)	Zxi		ž z		1 -		No. Obs.	7			Mean No	. of Hours	with Tempera	ture		
lel. Hum.					<u> </u>	+-		± 0	F	= 32 F	2 67 F				F 1	Total
Dry Bulb		1			1			1				1		1		
for Bulb		;		1	1			1								
ow Point						-+								+		

USAFETAC Nom 0.26-5 (OLA)

GLIBAL CLIMATOLOGY BRANCH OF 456TAC AIR REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

ULA	STATION NAME	, 3 - 3 ;	YEARS		МОНТН
				PAGE	1373-2753 HOURS ILL S. T.I
	WET BULB T	EMPERATURE DEPRESSION (F)		TOTAL	TOTAL
	4 5 4 7 9 9 10 11 12	12 14 15 14 17 18 19 20 21	22 23 . 24 25 . 26 27 . 28 29 . 30 2 31	D.B./W.B.	bry Bulb Wet Bulb Dew Point

Temp.						WETB	ULB T	EMPERATU	RE DEP	RESSION	(F)			,			TOTAL		TOTAL	
(F)	0	1 - 2 -	3 - 4	5 - 6	7 - 8 9	7 - 10 11	1 - 12	13 - 14 15 -	16 17 -	18 19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	2 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
7 / 73	•				- 1		'		1		1			!		:				
1 2:	L											1				<u>.</u>				•
1 27																				
TEL	. 4	2.3	4.4	? . R	<u>ч , С</u>	6.71	r • j;	13.513.	911.	5 9.9	7.1	F • 6	4.4	2.3	•	. 7		793		. 7 7
																	791		7:1	
																				·
																				.
										1										
																				
													•							
										•					•					
	+																			
																	:			
	+				•-									•						
								:												
											•		•							
			•							-+			•							•
	·		· •													+				
																i				
	-										•					+				
:																				
		- •				•					+						!		···	•
													•			+				*
																1				
	·		·										•			+	 			
														;	;	1	i			
+						- -			-+-	+	+	-	•			+	 			+
i									i		,				!		;			
						-, .			No.	<u> </u>				Maga	Ma at 1	1	Temperat			
Sement (X)		Σχ'			X		<u> </u>			791	<u> </u>		- 20 5					≥ 93		Total
el. Hum.		1667	131		3373	4	4 • 1	17.019		793	= 0		1 32 F	75		• 73 F 59 • C	- 80 F		.7	9
ry Bulb		4677			6748			9.046			 _						320	-	• ' +	
let Bulb		296			4827			4.392		791		\rightarrow			• 2	• 1	 			
ew Point		2:05	5537		1953	1 5	C • 3	6.134		791	(1 .	- 3				L	L _	Ł	

USAFETAC NOME 0-26-5 (OLA)

HOVASH VEGLOTAMILIC LARGE UNAFETAG AT MEATHER SERVICE/MAC

STATION SAFACOZA AB SP

STATION NAME

PSYCHROMETRIC SUMMARY

9.

71 17 - 27 LT WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL WE I BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL
1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 +31 D.B.W.B. Dry Bulb Wei Bulb Dew Poin / 39 • 1 6/ 9F ·/ 47 15 25 73 10 • 1 1 1 1 • 4 1 • 7 •1 • 4 2 • 6 2 • 6 • 9 •1 1 • 4 1 • 3 1 • 7 1 • 3 : 1 53 ٢1 4/ 77 .1 1.4 1.7 1.7
.4 .5 1.5 7.7 1.0
.6 1.7 2.6 1.3 1.5
.1 1. 1.5 3.1 2. 3
.5 1.4 1.8 1.8 2.2 1.0 .4
.6 1. 2.7 4.2 4.1 1.1
1.4 1.3 1.1 2.3 .6 .4 .1 7: 7? 1 49 65 1 57 63 79 79 17 51 7 51 4/ 129 120 56 - 5 ?•? •1 67 22 173 - / 57 • 5 7 : ē ģ -/ 53 . 1 78 71 / 32 / 47 4 / 45 45 47 17/ 41 35 7 / 37 7 / 79 ·4 5.9 6.2 9.815. 18.516.611.5 7.3 4.8 7.6 784 784 2635341 43753 55.815.749 Element (X) 784 Rel. Hum. =47 F = 73 F = 80 F = 93 F ± 32 F 2 0 F 58.5 4.549 3713582 5365 784 49.2 26.2 Dry Bulb 77-1-75 45279 3.2 784 Wet Bulb 17971 2.64379 784

51. 7 5.820

73-81

0-26-5 (OL A)

GLIBAL CLIMATOLOGY BRANCH ULAFETAC ATE AFATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

												PASE	•	HOURS	. 5 . 7
Temp.					TURE DEPRI							TOTAL		TOTAL	
(F)	0 1 2 3 4	5-6 7-8 9	- 10 11 - 12	13 - 14 1	5 - 16 17 - 18	19 - 20	21 - 22 2	3 - 24 25	- 26 27	- 28 29	- 30 + 31	D.B./W.B.	Dry Bulb	Wet Buib	Dew F
2/171		İ			1				1	• ^ '		- 4	4	-	
/ ' 9		···	·				<u>.</u>		•	• 7	• ? <u> </u>	2.5	25.		
E/ 97									• 1	• ~		7	7		
5/ 95								. 1	• 1	• 1	• •	7 24	24		
4/ 73							• 1	• !	• 2	• 1	• 1	36	3.5	•	
/ 91		· · · · · · · · · · · · · · · · · · ·			_•1	• ?	• ?	٠ ۲	• 1	•!		4.3	43		
/ 8=	1				• ^	• 1	• 7	• 3	• 1	• !	•	- C	rς		-
<u> 5/ 57</u> .			4		<u> </u>	• 3	• 5	٠ ۲	• 7	• 1		94	ခုင္		
E/ 85					• C • 4	. 4	٠ ۵	• 2	• 2	• -		111	117		
<u>-4/ 37</u> ,				•1	.2 .7	• 8	• 3	• 2	• 1	• `		155	<u>156</u>		
7 31			• 5	• 7	1.0 1.5	1.1	• =	. 4	• ~		•	3 ~ 7	7 7	— •	
/ 79			•1, •1,	• 7	1.1-1.1	• 6	• 3	• 0				246	246		
7 / 77		• -	.1 .7	1.1	1.9.1.4	• =	• 2	•				724	794	· · · · ·	
167 75 J		• 1	.3 1.1	1.6	• 9 • 5	•)	• ີ					29 A	798		
777		•1 •3	·F 1.5	1 . 4	.9 .1	• 1						331	731	5	
/ 71	•	. 1	.8 1.7	1.6	.6 .1	• 1						373	274	76	
1 69	•	2 .5 1.3	.6 1.	1.1	.4 .3	•:			+			412	412	76	
c / 57	• • • •	2 .6 1.7 2	2.5 1.2	.51	. ? ^							435	4.36	215	
4/ 65	.1 .	1.3 1.7	1.6 1.		• 1		•		•			444	444	474	
4/ 53	• •5 1•	4 2.7 3.4 3	2 • 1 • 6,	• 1	• ~							6 2 5	556	511	
1/11	1.1 1.	2 1.6 7.2	.6 .3	•								422	479	8 2	1.
. / 19	. 1.7 1.	7 2.8 1.7	1.71.	• :								576	578	912	3
7 57	.: 1.1 1.	2 1.4 .9	• 2									316	317	989	Ē
5-7-55	•1' •9	7 1.1 .5	. 1									222	225	762	5
4/ 53	.1 .4 .1	5 .8 .1	• -									127	129	619	
0/ 51	.1 .4 .	4 . 3 . ~!				1						75	75	369	7
1 44				·								+27	27.	257	
4 / 47		.1										15	16	121	7
4. / 45			•		~-+					-		+ - 3+	-	46	7
4/ 43					!							J	3	12	3.
2/ 41									+						-3
/ *;				;	!				1	1	:	r		1	
7 / 27			-+-+	+	- +		-				+	++			1
7 / 35		. :			i					,	!				
Element (X)	ž _X ,	ZX	X	•,	No. Ob	s.			M	een Ne. c	f Hours w	ith Temperatu		<u>.</u>	
Rel. Hum.		<u> </u>					10F	± 32	F	≥ 67 F	≈ 73 F	→ 80 F	• 93 F	T	stel
Dry Bulb					1			1				1	<u> </u>	1	
Wet Bulb			1		1	$\overline{}$									
Dew Point			1					-+				+	+	+	

USAFETAC FORM 0.26-5 (OLA)

GLIPAL CLIMATOLOGY PRANCH L'AFETAC AIR AFATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	LARAGOZA AS	STATION NAME			73-81		YE	AR S		PASE		MONTH ALL URS (c. s. t
			T BUL B 1	FMPFPATII	RE DEPRESSION	(F)				TOTAL	TO1	
Temp. (F)	0 1 - 2 3 - 4 5	6 7.8 9.1	0 11 - 12	13 - 14 15 -	16 17 - 18 19 - 2	0 21 - 22 23	- 24 25 - 26	27 - 28 29 -	30 - 31	D.8./W.B. D		
3-7 33			-4		· • • • • • • • • • • • • • • • • • • •					•		
~ / 3:										<u> </u>		
7-5-								' -				
~ / ?? ;										+		
r region	. 6.4 3.613	.515.211.	910.2	c • 5 7 •	2 6.1 4.	1 2.7 1	.9 1.7	• 🖁	•3, •1		77	5.3
										6274	52	74
		المالية المقالد								•		
								ı				
		_ 										
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<u> </u>			+							·		
												
												
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	+ i -	_ 		 	+-+-					! +		
		. !	i		1				1	1		
			+	·	+-+-	+				 		
			1 :	1	-} i	; i		i	i			
		+	-	-		+						
1			,	i	i	. !		. 1	1	i i		
Element (X)	2 x'	ZX	X	•,	No. Obs.	1		Mean No.	d Hours wit	h Temperatus	•	
Rel. Hum.	7131253	347216	55.3	19.284	6274	2 0 F	2 32 F	≥ 67 F	≥ 73 F	. 80 F	• 93 F	Teral
Dry Bulb	37398957	432750		9.783	6787			384.0	L	117.07	11.	7
Wat Bulb	215372=3	366181		5.132	6274			38.5	• 9			7
Dew Paint	16211271	316979	57.5	5.713	5774	1	1.8	•1				7

PAL CLIMATOLOGY BRANCH	
FETAC	PSYCHROMETRIC SUMMAR
FAT TO CERVITOTIMAT	

STATION	LARAGOZA AB	STATION HAME				73-81			EARS				MOM.	
											PAGE	ŧ	HOURS IL	. <u>7 7 (</u> . s. t.
Temp.		we	T BULB	TEMPERA	TURE D	EPRESSION	(F)			•	TOTAL		TOTAL	
(F)	0 1 · 2 3 · 4	5 - 6 7 - 8 9 - 1	0 11 - 12	13 - 14 1	5 - 16 17	- 18 19 - 20	21 - 22 23	- 24 25 - 26	27 - 28 29	50 + 31	D.B./W.B. D	ry Bulb	Wet Bulb (Dew P
7 8 €							,		• 1		1	1		
4/ 95+-			•			• <u>1</u> . • <u>1</u>					- 5 +	<u> </u>		
/ 81:			. 1	• 1		• 4 • 1					13	13		
1 79			, ,	•		4 1			•	• • • • • • • • • • • • • • • • • • • •	13.	19		
7 / 77			6 3	1.0	1.7	1 2					56	56		
11 75		•: 1•° ?•			. 7	• 1					72	72		
14/ 73			9. 7.1			.1 .1			.	- +	51.	51		
/ 71		1.9 2.5 2.			. 4	• 1					76	96		
7 63	-	9 2 7 3		+	<u>· · · · · · · · · · · · · · · · · · · </u>				· · · · · · ·		74	74	13	
1 / 67		1.9 4.9 4.									113	113	44	
5/ 5?		3.1 3.2 1. 3.1 3.1 2.		<u>:</u> -							95	<u> 85</u> -	92	3
./ 51	.4 .2 .5		7 .1								53	53	141	4
7 = 9	1.1 .2		4						•		51	<u> 51</u>	135	7
- / 57	•2 •4	1.4 .2									18	19	100	11
5 / 75		• 6									5	5	72	5
4/ 5		-	. +						·				<u></u>	1:
- / 51									•				31	7
/ 47		· · · ·		++					·				<u>E</u>	
4 4 5														5
4/ 43							+							
-2/ 41						į				1				- 1
u / ?:										-	•			
7 / 17	المناج والمراجعة			 -										-
CT4L	7.6 4.91	.6.125.619 .	15.6	7.0	4.7.	1.6 1.1	. 4		• 1			217		ë J
				•		- 			+	+	817		815	
					!				i	1				
	+		1	+			*****************							
								· · · · · · · · · · · · · · · · · · ·						
Ŧ				1	Ī				:					
	 ,		<u> </u>	خينا			<u> </u>		·					
Element (X) Rel. Hum.	246.2.0	2 x	50.1	12.51		817				d Hours with				
Dry Bulb	357544	559,4		6.17		810	10 F	1 32 F	58.3	25 • 9	• 80 F	• 93 F	- '	etel Ç
Wet Bulb	2924317	48535		4.46		810		 	5.5		3.0	 	+	
Dew Point	2339629	43295		5.61		810		 	•1			-		9

GLIBAL CLIMATOLOGY BRANCH USAFETAC ATH REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	ZAPASCZA AR	STATION NAME			73-8	-		Y	EARS					NTH
											PAGE	•	HOURS	
Temp.		WE	T BULB	TEMPERAT	TURE DEPRES	10N (F)					TOTAL		TOTAL	
(F)	0 1-2 3-4	5 - 6 7 - 8 9 - 10	0 :11 - 12	13 - 14 15	- 16 17 - 18 1	- 20 21 -	22 23 - 24	4 25 - 26	27 - 28 29	30 ≥ 31	D.S./W.S.	Dry Bulb	Wet Bulb	Dew P
/ 31					•	- ; -			†			,		
1 75		•	1	• "		• 7	1	1			5	5		
7 / 77			. 7	• 3	• 6						11	11	•	•
-/ 75		.4 1.		• 1							25	2 ^		
7.7 75		.4 .6			•1			•	++-		2.3	2.7		•
77 71	• 3	.5 2.4 .	a j.₹	۽ ۽	. 7						5 9	5.9		
1 69	1.	1.5 4.3 7.	1.7	• 5	• 1	+				- +	?5	<u> </u>	<u>-</u>	•
1 / 67	• 9	2.3 4.2 2.		. 1					:		79	79	11	
11 15		5.8 7.1 2.									100	127	4 3	
4/ 53	1. 3.6	9.4 5.2 1.	4 . 3								158	159	a c	2
7 51	.4 .6 3.	3.1 3.1 1.									97	97	102	
/ 59		3.6 4.5 1.									8.8	8.8	141	7
5 / 57								+	·		37	37	147	11
5. / 55	.1 .4 1.1										23	23	â 3	9
4/ 5?	•1 •1			•					+		 	<u>-</u>	24	7
2/ 51		= "									ź	2	78	1:
F / H2	 -										· 1		18	7
= / 47	••										•	•	ž	7
L / 45								•	•				- -	-
4/ 43													•	:
7 41				·					·					
TáL T	.: 7.913.63	33.428.713.	K E.7	2.9 1	1.4	. 3						795		79
				· · · · · · · · · · · · · · · · · · ·					+		795		705	
							1		1		, . ,			
									+		;			
	}				1 :				ı	1				
					+					+	+			•
*	(i			4				: i		i			
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		: '								1	į			
			+-	+					 		+		·	
				. 1	1	!	i			-	1			
				 	++	-+-	+		 		+			
i							-		i	į.	i 1			
Element (X)	2 4'	Z _X	X		No. Obs.				Mean No.	d Hours wi	th Temperat	ure		
Rol. Hum.	35375 8	52273	-	11.216			0 F	s 32 F	≥ 67 F	≥ 73 ₹	- 80 F	· 93 (F	Tetal
Dry Bulb	3375352	51717		1	1	-			33.5	7.1	•			5
Wer Buib	2734877	46243		4.35					1.9		I	1		9
Dew Point	7251 139	42789	52.9	5.35	79	 			• 2		1	+		9

SEMPAL CLIMATOLOGY BRANCH CRIFETAC ATT AFATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

											•	7670-	
												HOURS IL.	
Temp.		WE	T BULB TE	MPERATU	RE DEPRESSION	((F)				TOTAL		TOTAL	
(F)	0 1.2 3.4	5 - 6 7 - 8 9 - 1	0 11 12 1.	3 - 14 15 -	16 17 - 18 19 - 2	20 21 - 22 23	- 24 25 - 26	27 - 28 29	- 30 + 31	D.S. W.S.	Dry Bulb	Wet Bulb (De w
/ 76		•	1			1				1	1	•	
7 / 77			. '	• ! •	1: .				1		*		
6.1 75			2 • +	• !					•	•	7	•	
4/ 73:	.:		5 . 7							25	25		
/ 71		.7 1.3 1.		, r						7.7	.7		
1 49	2 2	7.1 3.5 1.	-		•					£ 9	60	<u> 2</u>	
. / 57	1.6	1.5 5.6 3.						*	- +	117			~ -
61 45		5.4 3.7 2.								174	1 ~ 4		
4/ 53		°.2 5.5 1.		•1	1			· ·	+	167	157	59	
47/61	.4 1. 3.9 P			•. •	•					123			
1 59		5.0 4.2 1.								115	115		
1 57		3.1 .4								7.0			1
5 / 5	2 0		• •-					• • •		15		117	i.
1/57		. 2											•
- 1/ 51		T			•			•	• •	<u> </u>	· •	75	
+ / 4°	• 4									•	4	_	
2 / 47		·• · · ·						••		·		. <u>l</u> é.	
4/45		·	- •					•		-			
4/ 4:													
224 93													
12/ 41							•	.		+			
7 / 73	7.615 117					 v	•	*··		-	P) 4		
	• 7 • 615 • 43	3.737.113.	e 2.3	•;	r	······································	·-····································	• 		+	°16		
7 / 73	.5. 7.615.43	3.737.113.	<u> </u>	•; •	r	······································		*······		916	° 16	a 16	
7 / 73	•5 7.615.43	3.737.!13.	0.7.3	• • • •	Ē.			*···		816	°16		
7 / 73	•5 7•615•43	3.737.113.	0.2.3	• • • •	r .			• · · · · · · · · · · · · · · · · · · ·		816	°16		
7 / 73	.5. 7.615.43	3.737.113.	0.7.3	•7. •	E					816	°16		
7 / 73	. 7.615.43	3.737.113.	ē 7.3	• • • •	E			•		816	°16		
7 / 73	. 7.615.43	3.737.113.	2.3	• 7	F					816	°16		
7 / 73	7.615.43	3.737.113.	2 · 3	• 7	F					816	°16		
7 / 73	. 7.615.43	3.737.113.	2 7.3	• 7	F					816	°16		
7 / 73	. 7.615.43	3.737.113.	0 7.3	• 7 •	F					816	°16		
7 / 73	. 7.615.43	3.737.113.	0 7.3	•?	F					816	°16		
7 / 73	. 7.615.43	3.737.113.	2 2.3	• 7 •	F					816	°16		
7 73													
TriL	Σχ,	2	7		No. Obs.				of Hours with	th Temperature	ure	616	c
TIL Element (X) Rei. Hum.	zx' 3e 2355;	2 x = 5 ° 4 5	X 67.51	°	No. Obs. F16	100	1 32 F	± 67 F	■ 73 F	h Temperah - 80 F		616	C Corol
Element (X) Ref. Hum. Dry Suth	2x' 35 23:5 7392593	*x	R 67.51 64.3	**************************************	Ho. Obs. P.16 816	:01	1 32 F	20.7	• 73 F	h Temperah - 80 F	ure	616	G G
TIL Element (X) Rei. Hum.	zx' 3e 2355;	2 x = 5 ° 4 5	X 67.51	"a \(\cdot \) 139 \(\delta \) 625 \(\delta \) 143	No. Obs. F16	100	1 32 F	± 67 F	• 73 P	h Temperah - 80 F	ure	616	C

STATION STATION NAME

SELPAL CLIMATOLOGY BRANCH OSSETAC AT LEATHER SERVICE/MAC

LARAGOZA AS SP

PSYCHROMETRIC SUMMARY

STATION		STATION NAME				<u> </u>		_	EARS				MON	
											P45F	·	HOURS IL	
Temp.					TURE DEPRE						TOTAL		TOTAL	
(F)	0 1-2 3-4 5	-6 7-8 9-1	0 11 - 12	13 - 14 15		19 - 20	21 - 22 23	- 24 25 - 20	27 - 28 29 -	30 - 31	D.B. W.S.	by Bulb	Wet Bulb	Dew P
:/ 65		. [• 1		1				1 -	?		
				: . i.	.4 .4				.		<u> </u>	<u> 1 ^</u>		
/ -:					4 4						3.2	1?		
7 / 77				2.0							41	42		
/ 75		•1 •7 1•			1.2						÷ 6	3.5		
- 1 73		•1 1•7 2• •5 1•2 3•			• 5 • 2		4				<u> </u>	<u> </u>		
		•5 2•5 2•			• 2						e 8	6.8 6.8	1	
- <u>/ 71</u>					• •				•		· 103	173	- E	
: 1 57	-1	9 2.6 4									7 . 3	1.3 53	50 50	
5/ 55		7.5 2										73	94	1
4/ 63		9 3.4 3.									- 1	91	147	7
761		3									• = = = = = = = = = = = = = = = = = = =	1 =		· 5
/ =9		•1 •2									5	- 5	176	9
1 57	•! •!								+		•	2		1
5 / 65	•										•		• •	11
11/ 53							·				•		38	. : : :
13/ 51				;									6	7
c / ns				+							·		· ·	
: / 47														5
4 / 45											•			5
4/ 43								1						:
-2/ 41														1
TIL	•5 2•5 5	19.227.	923.2	14.4	5 . 3 1 . 4				·		·	315		۰ ۱
							,			i	614		614	
·				· · · · ·					+		++		·	
		į		1 1										
														
			:	1	1				i ·		: I			
										-+	·			
				į (1		1	÷				
			+	+			+				+			
:		1	1	1			1		4	1				
Element (X)	Z'X'	ZX	- x -		No. Ob				Magn No. of	Hours wid	Temperatu	70		
Rel. Hum.	2585 41	45165	55.5			14	2 0 F	1 32 F	≥ 67 F	• 73 F	• 80 F	+ 93 1	F 1	otal
Dry Bulb	4172391	58145	71.5			15		<u> </u>	71.4	40.2		-	-	
Wer Bulb	3-67932	49954		8.238	8	14		 	17.5	•1		+	-	
Dew Point	2416348	44138	54.2	5.32	7 9	Į a		 	1 3			+		9

C ROBE 0.26-5 (O. A) REVISED MEYICUS EDITIONS OF THIS

GL BAL CLIMATOLOGY FRANCH COSTETAC AT AEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

, r	8 -	RAGOZA I	8 5 P	•					73-	- 9 1								J!	UL .
STATION			S	TATION NA	ME								YE	ARS				MO	нТн
																FA3F	•	1273	- 1 4 L. S. T
Temp.					WET	BULB	TEMPE	RATUR	E DEPR	ESSION	(F)					TOTAL :		TOTAL	
(F)	0	1-2 3-4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	6 17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 29	- 30 = 31	D.B./W.B.	ry Bulb	Wet Bulb	Dew F
1 77				1			+	-	1	1	1	• ,		• 1	1	2			
-1 95		!								. 1		• 5	• ?			. 7	7		
./ = ?										• 1		• 0	• 1	• 1		14	15		
/ 91									• ?	۽ پ		. 6	. 4	• 1.		17_	17		
7 89								• 1	1 . :	1.6	1.1	9	• 1	• 1		36	36		
· 9/ P7							• 1			1.2		. 6	• :			4.7	47		•
£7 85				-		. 1				2.0			• 1			. c4	5.4		
1 1/ x !						2	• :	2.5	2.7	1.8	1.1	.1		·			73.		•
/ 81										1.0	• 1	• ?				112	112		
/ 75						1.0										74	74		
7 / 77				• 1			-			1.4	. ?					179	1 2 ë		
1/ 75				• ~,		1.4								•		<u> </u>	51	1	
74/ 73						1.1				l·						45	45	12	
_ / - 7 :						2.3										49	40	78	
/ 69			• 4	_		1.2			_							44	44	- 3	
· / 57			1 • 4					• 1	<u> </u>							. 22	22.	1_8.	
6/ 65		•	? • 2		• 5											1.3	13	154	
4/63		•	• 1	• 5	•1	·	·	-								· -	<u></u>	122	
/ 1		•														1	1	1 7	
/ 57		·						+		+	·					·		170	
5 / 55;																		71	1
-/ 53			+			•		·			•——							· · · · · · · · · ·	
- 1/ 51											:							_	1
- /				••		•		+			+			·		 			
1 / 47				1				1	1										
4 / 45		···		+					+		+	+							•
4/ 43								1	1										
-2/ 41		+						†	+	+	•					 			
4 / 15				. '		Į.									1				
7 / 15				•				 		+	• •								
TOTAL :			7, 1 - 1	2.1	5.2	12.5	19.3	23.	5 14.5	10.4	6.1	3.9	1.1	. 5	1	l i	£15		•
				† 		!			1							314		814	
Element (X)		Z X'	+-	Z X		¥	-,		No. O	bs.	<u> </u>			Mean No.	of Hours with	h Temperatu	re .		
Rel. Hum.		150973		341	50	42.C	9.6	82		114	101	: 9	32 F	≥ 67 F	● 73 F	- 80 F	• 93 F		Tetal
Dry Bulb		15.31		647		79.4	1	- 1		115				97.5		45.7	2.	, 7	
Wet Bulb		333913		527		63.9				314				26.5	1.5			T	
Dam Paint		276644	7	636	75	53.7	5.5	55.7		114				. 2	1				

USAFETAC NOM 0.26-5 (OLA)

SECTAL CLIMATOLOGY BRANCH SCAFETAC ATT REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	7580054 4	STATION NA	ME				73-				YE	ARS					- U	
															F # 35	1	1570-	
Temp.				ULB TEM								-			TOTAL :		TOTAL	
(F)	0 1 - 2 : 3 - 4	5 - 6 7 - 8	9 - 10 11	1 - 12 13	- 14 1:	5 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	29 - 30	231	D.8./W.B. (Dry Bulb	Wet Bulb	Dew Po
71/3		I				1					:		_!	• !	1	1		
$\frac{2/1}{1}$									·	• •		1.	• 2	• 5	<u>7</u> 25	<u>7</u> 25		
A/ 97 I												1.7		- 4	33	33		
15/ 95											2.5		• 6		5 9	59		
4/ 97								. 1		1.6			.1		79	30		
- / 91						-	• !				1.1			• 1		40		
/ 30	·						• 1	1.3	2.5	2.1	1.7	• 2.			6 ~	6 ។		
-3/ 37		• •- •	+			• 2	1.0	1.8	2.0	1.1	. 9	•2	• 1		67	57		
61 25								3.1	2.6	. 5	• 2	• 2			77	77		
-/ 37							2.9		• 9	• 4					€ 2	6?		
/ 01								7.1	1.1	• 6					<u>57</u>	ε?		
7 79		• 1	• 5					1.6	. 4						40	40		
7 / 77 15/ 75				$\frac{1 \cdot 7}{2 \cdot 7} \frac{1}{1}$				• 5	• 1						- <u>-1</u>	71		
1/ 77		• 4		.2.1											37	37	14	
71+		· · · · · · · · · · · · · · · · · · ·	•••	• 5							•				25	25	\frac{1}{47}.	
/ 69		4 2	• 2		9										16	15	1 7 3	
1. / 67		•1		•											5		15.	·
16/ 65	• !	4			1										4	4	178	
. 4/ 5	• 7														3	7	174	2
_/ [.		<u> </u>													1	1	ê ç	3
7 9	• 1				i	-									1	1	٤4	5
5 / 57 5 / 55 ·																	<u>- 54</u> .	
5.7 55 47 53																	*	5
· ^/ 33 · ^/ 1												+						$-\frac{8}{11}$
F / 451		÷		*			,				1	1						9
60/47		•			- +	-+	-					-	+					
4 / 45			1	1	- 1		ļ						1					- 6
47 43		• • • •					1					1	+					4
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Dry Bulb		1				-											 i	
Wet Bulb Dew Point		 						-+		-						 		
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USAFETAC roum 0.26-5 (OLA) revise revises tanions of twis roum are easoner

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GLIBAL CLIMATOLOGY BRANCH Unafetac All Afather Service/MAC **PSYCHROMETRIC SUMMARY** E F A 3 O C A A 3 S D STATION NAME 1500-1700 HOURS (L. S. T.) PA35 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. Dry Bulb | Wet Bulb Dew Poin (F) 1 - 1 75 ---- 516 •! • • • 1•7 1•1 3• • 6•512•115• • 14•012• • 11• ₹ 8•3 • 6• ₹ 3•3 1• ₹ T t L BEVISED MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE Element (X) No. Obs. Mean Ho. of Hours with Temperature 32-44 Rel. Hum. 816 * 67 F = 73 F = 80 F = 93 F 69159 53038 42563 5915677 84.8 8.15° 65.0 4.170 92.0 86.7 916 Dry Bulb 56.9 93 3461517 316 Wet Bulb 52.2 5.631 2245951 816 Dow Point

0.26-5 (OL A) 11

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116 5

SET AL CLIMATOLOGY BRANCH LITETAC AT REATHER SERVICE/MAC

TARAGOZA AB SP

PSYCHROMETRIC SUMMARY

HOURS IL. S. T.

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WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 0.8 W.B. Dry Bulb Wet Bulb Dew Poir 26 45 97 26 5/ 95 45 49 49 / s: / es 46 45 .1 .1 1.0 1.1 3.2 1.3 .1 .5 1.0 2.1 2.6 .7 .2 .5 7.1 1.5 1.0 .5 .4 1.8 2.8 1.1 1.0 .2 .6 1.2 1.5 1.3 .4 53 53 3 5 04 -/ 97 45 48 £] 67 67 • 1 1 79 5 1.0 2.1 2.0 1.5 .4 1.1 1.6 1.7 .5 .1 1.3 .9 1.0 .4 .6 1.0 2.2 .4 67 £ 2 ---1 7! 40 59 . 4 1.1, 2.2 41 •5 1•1 •1 - / 6? •2.1• 172 4/ 5: 17 4/ 63 6 ^

Element (X) ZX Mean No. of Hours with Temperature • 93 F Rel. Hum. 5 0 F ± 32 F 2 67 F 2 73 F Dry Bulb Wer Bulb

£ / 55 0-26-5 (OL A) 4 4 / 47 4/ 43 12/ 41 11

THIS PORM ARE DESCRETE

SECTAL CLIMATOLOGY PRANCH LIMESTAC ATT LEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | e 31 | D.B./W.B. Dry Bulb Wer Bulb Dew Poin • 1.1 1.6 7.7 3.4 7.11C.2 8.511.0 8.911.01.3 8.9 4.9 7.5 2.7 919 Element (X) X 37.113.521 Meen No. of Hours with Temperature 815 = 67 F = 73 F = 80 F > 93 F Rei. Hum. 569248 Dry Bulb 67912 87.0 9.314 919 89.2 77.8 64.4 4.433 52.3 5.995 34-2019 52571 916 34.6 2.1 Wer Bulb 2261620 42561

BENTAD PREVIOUS EDITIONS OF THIS FORM ARE GISSOLETE

0-26-5 (OL A)

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GLIPAL CLIMATOLOGY BRANCH SAFETAC

ATA REATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

JUL

JARAGOZA AB SP 77-81 STATION NAME STATION 2170-2307 HOURS IL, S. T.I WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 1 37 • 1 5/ 95 1/ 03 / 9: 5 17 6 5 1.0 1. 6/ 57 2 3 23 3 5 •4. •6 •5:3•0 25 26 47 87 45 0: 3.1 £ -7 . 4 5 7 .4 2.4 2.9 1.2 69 1 79 69 • 7 1.9 2.3 3.5 • 9 2.7 2.1 1.1 3.5 77 26 66 1 75 77 77 . 4 •5 1•2 1•? •7 1•6 1•8 1.2 73 42 42 1.6 1.8 .4 .9 3.3 1.7 .4 2.8 2.0 1.2 1.1 2.2 1.7 1.1 .2 1.6 4.3 .5 .6 2.7 .2 / 71 5.5 52 69 64 64 71 78 65 65 / 67 5/ 55 57 57 136 5 4/ 57 ۰ ۶ 135 64 64 43 35 5.1 . 4 36 117 46 1 = 9 12 115 12 7 57 95 / 55 56 143 -7 53 95 97 75 45 74 7-4 / 47 4 . 4/ 47 33 12/ 41 4 / 20 4 CTAL -7. 7.2 2.4 3.913.416.213.411.814.4 9.9 5.6 4.6 819 71 77410 Mean No. of Hours with Temperature 49.514.328 No. Obs. Element (X) 40569 819 10F 1 32 F Total Rel. Hum. 4559315 74.2 7.789 HI9 63777 Dry Bulb 3134549 13.9 93 50531 61.7 4.541 819 Wet Bulb 2328545 43411 53. 814 73 Dew Point

(OL A) 0.26.5 11

GLIMAL CLIMATOLOGY BRANCH

0-26-5 (OL A) 12 **PSYCHROMETRIC SUMMARY**

AT PRATHER SERVICE/MAC LARABOZA AR SP PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 7/1 9 • 1 49 49 97 6.2 1~6 / 91 117 / 90 107 161 8 5 727 227 243 303 793 31 3-2 103 73 .5 1.3 1.5 1.0 1.6 1.5 513 513 424 424 7: 34:1 341 43 446 446 9 2 7 2.7 1.. 1.2, 1. 496 496 59 / 67 497 497 640 1.4 453 453 773 39 1.3 2.9 2.4 1.7 586 896 265 586: 725 591 / 6: 333 1.2 1.9 333 935 272 .4 1.5 1.4 272 9 ~ 4 • 0 96 96 753 • 3 43 43 498 R .. 7 11 11 356 694 196 774 4 3 651 44 4-/ 47 552 40 556 4/ 43 197 2/ 41 162 Element (X) Zz, Σχ No. Obs. Mean No. of Hours with Temperature T s 32 F = 73 F ≥ 80 F Dry Bulb Wet Bulb

GLIFAL CLIMATOLOGY BRANCH USAFETAC ALF REATHER SERVICE/MAC CATAGOR AS SP STATION STATION

PSYCHROMETRIC SUMMARY

																		PAC	r ,		4 L L 5	,
Temp.							T BULB								т			TOTAL	·	TOTAL		_
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Rel. Hum.		1488 3617		ì	3331 4500			10.0			03 1) 8	201		± 32 F	2 6		• 73 F	207	- 93 (Terel	7
Dry Bulb		2478			4500		61.5	1			50				538 133		6.1		- J V	••	- '	_
Wet Bulb Dew Peint		1853		ı	345			5.6			30			• 5		• 5	0.1					
vew reint															1			<u> </u>				

ALM 44 0-26-5 (OL.A) BEVISED INEVIOUS EDITIONS OF THIS FORM ARE O

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AT AT THE SERVICE/MAC

PSYCHROMETRIC SUMMARY

73-61 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 (F) D.B. W.B. Dry Bulb Wet Bulb Dew Poin / 89 1 87 6/ 45 • 1 0 1 79 55 58 6 R **,** 1 103 61 103 26 4.9 91 143 5.2 1.9 3.1 7.4 1.9 3.3 7.1 ... 1.9 7.4 .2 1.7 1.2 ≎1 172 91 28 49 49 142 78 132 104 29 r , 172 12 12 99 117 0.0 49 48 95 ê <u>6</u> öΖ ? 3 4.0 21 8:8 52:89 52:89 X 63.311.893 No. Obs. Mean No. of Hours with Temperature Element (X) 828 34317 0 Rel. Hum. 1 9 P. 1 32 F 2 67 F ≥ 73 F - 80 F - 93 F 93 69.1 5.438 61.2 4.340 55.7 5.531 3987335 E7351 837 62.5 24.5 Dry Bulb 53640 3112697 829 9.5 93 Wer Sulb 93 2590531 46787 828

USAFETAC nom 0.26-5 (OLA) service territorio or min tram

CLIBAL CLIMATOLOGY BRANCH USAFETAC ALE NEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	·	A 3 0 .			TATION N	AME	· · · · · ·			73-				YEARS	,				MON	
																	PAS	F 1	7.3 7 5 -	
Temp.						WET	BULB	TEMPER	ATUR	DEPRE	SSION ((F)					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10			15 - 16	17 - 16	19 - 20	21 - 22 2	3 - 24 2	5 - 26 27	- 28 29	30 = 31	D.B./W.B.	Dry Bulb	Wet Buib	Dew
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-/ 21					·	<u>.</u>	• 1		1	1 1		1 1	1				1 2	. 2		
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7 / 77					+ <u>-</u>	· + <u>-</u>	.1		. 4	<u>, '</u>						1	7	7		
77 75			_	• -	• 5									1			2	22		
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7 / 71				1.5		-											39	30	1	
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Element (X)		Egr			E x		<u> </u>			No. Ob		<u></u>		<u>i</u> _	ean Ma.	f Hours wit	A Tempere	lure .		
Rel. Hum.		349	7183		365	71		10.9	97		21	± 0 F	5 3		± 67 ₽	≥ 73 F	- 00 F	- 93 1	F 1	etel
Dry Bulb			333		541			4.9	1 _		23		1		38.1	9.5	•	5	-	
Wet Bulb			5 5 3		488	- 1		4.2			21				1.0			I		
Dew Point		25	1765		451	65	55.	5.3	15	5.	21				. 6			1		

SL FAL CLIMATCLOSY SPANCH
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(): LARAGOZA AB SP
STATION NAME
STATION NAME

PSYCHROMETRIC SUMMARY

91 AUS MONTH
PASE 1 TEST 1 TES

																		HOURS (L. S. T.)
Temp.										DEPRES						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18 1	9 - 20 21	- 22 23	- 24 25 - 26	27 - 28 29	- 30 + 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po-
/ 21			:					• :			1	Ì		1	,	1	1		
/ 70			<u>. </u>				. • ?				1				i	. 2	?		~ ~
7 / 77														. , .	*	3	3		
6/ 75						. 4	. 5								*****	1.2	12		
4/ 75				• 5	• -	. 7	• 2							1		1.5	16		
77.71			. 4	٩.	1.3										4	. 33	<u> </u>		
1 69		• 1	2.9	1.8	3.5	. 7	, E									. <u>.</u>	87		
- / 67		1	4 . 4	3.	4.7	1.6	. 1							:		115	115		
6/ 65	• 1	1.7	4 . 5	5.4	2.8	1.3								1	•	171	132	54	1 3
4/ 63		2.3	5 . 4	17.8	2.2	_1."	•1							1		184	1.55	115	57
1/ 41	• 1	1.2	2.8	4.	7.1	• 5										9.8	9.9	146	56
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1 57		• 1	1.2	1.9	• 5			•						+		71	31	141	123
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Element (X)		z _X '			Σχ	T	X	7,	\top	No. Obe.				Mean No.	of Hours wi	d Tempera	lure		
Rel. Hum.		434	7:62	2	593		71.8	10.0	77	8.2	6	1 0 F	1 32 F	≥ 67 F	= 73 F	- 00 F	= 93	F	Total
Dry Bulb		347	44 10	<u> </u>	535	34	64.6	4 . 5	78	P 2	9			29.1	3.9	3	1		93
Wet Bulb			1540		488		59.1	4.2	5	9.2	6			2.6	3		T		93
Dew Paint		252	9130	r	455	C8	55.1	5.1	18	82	6			1	1	1			93

USAFETAC FORM 0-26-5 (OLA) RIVIND REVIOUS EDITORS OF THIS FORM ARE

GLURAL CLIMATOLOGY BRANCH USAFSTAC ATH REATHER SERVICE/MAC

STATION STATION ARE

PSYCHROMETRIC SUMMARY

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															PAGE	*	1975	
Temp.								DEPRE							TOTAL		TOTAL	
(F)	0 1 2	3 - 4 5	6 7-8	9 - 10 11	- 12 13	14 15	5 - 16	17 - 18	19 - 20	21 - 22 2	3 - 24	25 - 26	27 - 28 29	- 30 + 31	D.B./W.B.	ory Bulb	Wet Bulb	Dew F
£/ 97								. 1	• 2						₹.	7	•	*
67 85						• 1	. 1	• 6.	į					:	. 7	7		
4/ 83							• 5								4	4		
/ "1				• 5	• 3 1	1 • 7 []	1.1	•1						_	2.9	29		
179				1.3	• 5	1 • 3	. 4	• 1	• 1						34	34		
7 / 77			.2 1.3				• 5	• 2							3.5	_86		
16/ 75			.5 1.7		-										89	8.0		
41 73			.1 2.7				• 2								97	<u> </u>	1	
77 71			.7 3.9			. 5									176	107	12	
1 67			.4 4.3			•1									119	110		
: / 67			• 3 3 • 7			-	. –								24	64	77	
6/ 55	-		.4 3.1		• 4	•1									9.5	86	175	:
4/ 53	. 4		• 7 3 • 1					-							5.4	54	153	
7 61			8 8	. 4											21	21	135	
/ 59	. 4	. 4	• 5	,						_	-				1.2	17	176	
- / 57	1		•1 •1	1		· ·									5	5	9.8	1.
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Element (X)	Zxi		Zz	·	-+	•.	ـــ	No. Obs	 				Mean No.	of Hours wi	th Temperatu	70		
Rel. Hum.	3.04	694	499			J-42	3	8 2		1 0 F	T.	32 F	= 67 F	■ 73 F	- 80 F	. 93	F	Terei
Dry Bulb	4747	12-	592			5.45		8.	577		+		73.1			4	+	
Wet Bulb	3238	167	516	63 62	.41	1.21	<u>-</u>	3.	28		+		15.5		 	 		
Dew Peint	2664	- 1	467		5.5	_	,	8.			+		.7	 	+	+		

USAFETAC NOW 0.26-5 (OLA)

CLUMAL CLIMATOLOLY BRANCH UNIVERSE ATH ASATHUR SERVICE/MAC

PSYCHROMETRIC SUMMARY

PASE 1

Temp.										E DEPRI							TOTAL		TOTAL	
(₹)	0	1 - 2	3 - 4	5 - 6	7 - 6	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 26 29	- 30 - 31	D.8./W.8.	Dry Bulb Y	fer Bulb	Dew Point
3/ 97								•		,	i	1	• 1		1		1	1		
5/ 95					.			-				•1	• 4	1.7	• 2	.,	16	15		
4/ 97												• ?	. 5				6	6		
./ 31					•				• 1	2	. 0	. 9	. 4	. 4			23:	23		
/ 63									• 3		1.5		. ?		• 1		3.0	3.0		
0/ 27										1.7			• 1	• 2			39	39		
3/ 35							٠			2.7			,	'			5.7	5.7		
1/ 57.							4			2.9			• 2				5.8	58		
/ 91					• 7	• 7				5 3.2		. 4				ı	126	126		
1 75						1.9				3:1.2		<u>. </u>					79	67		
7 7 77					. 4	1 • 9	4.4	5.6	4 . 6	1.1	• I		i			,	148	148		
4/ 75		4		• 1						5				أ 		:	93	94	3_	
1773	-		-	• 5	• 7	1.1	2.2	1.5	• 3	2 . 1	,						5.2	5.2	20	
71 71					1:1		1.1										39	39	56	
1 59			. 4	. 4	• 1	• 6	1.6	• =	1				1				. 9	20	111	4
1 / 57				• 1	.		• =	• 1									12	17	120	11
5/ 65			• 1		-	• ?	• 2										5.	5	159	22
4/ 63			• 1	• 1						· 				<u></u>	1		. 2.	2	138	70
1 61		• 1	• 2					i						i			3	3	113	65
1 59		• 1	. 2						i	1							3	3.	54	147
. / 57								-	1		1			,					34	123
5. / "5										1		<u> </u>							1.3	96
47 53											1		1			T	,			76
17/ 51										1							ìi	i		62
= / 4-										1						Ī				76
4-1 47								i		1				i			i	<u> </u>		42
47/45								,								1				16
4/ 43										<u> </u>						L	L i			7
12/ 41										1										9
4 / 75				L			, 	L	L	1				1		i	<u> </u>			1
7 / 77				~~																1
TOTAL ;		• 1	1.1	1.7	2.0	9.6	17.2	20.7	19.5	13.9	5.2	3.7	1.9	1.6	. 9	.2		923		821
1	,						}							1		1	821	1	821	
Element (X)	ž	x'			ZX		X	•,		No. 01		نىسىدا		·	Mean No.	of Hours wid	Temperate	170		
Rel. Hum.			7713		374		45.7				21	101	1	32 F	≥ 67 F	• 73 F	⇒ 80 F	• 93 F		etel
Dry Bulb			944?		555	- 1	79.6				24		\Box		91.5		44.3	2.	6	93
Wat Bulb			2130		535		65.2	£ ·-		-	21		\perp		35.1	2.5				93
Dew Point		261	361		460	79	56.1	5.4	83	8	21				1.7		1			93

USAFETAC 1044 0.26-5 (OLA)

CLUPAL CLIMATCLOGY BRANCH USAFETAC AIN WEATHER SERVICE/MAC

TRACODARA SP

PSYCHROMETRIC SUMMARY

73-81 PASE 1

Temp.			_		_												SION										TOTA			TOTAL	
(F)	0	1 - 2	3	. 4	5 - 1	6	7 - 8												22 2	3 - 24	25	26	27 - 2	8 29	- 30	* 31	D.B./W	.8.	Dry Bulb W	et Bulb	Dew Poin
7/ 19		•	•					1			1							-				. 5	• 5		.7	. 4			20.		
1 4/ 97		1									1							1	i	• 5		4	•	1	• 1	• 2	, 1	6	16		
5/ 95			-					•			•						• 1		2:	1.5	3	• ?	7.	•	• 2	1		4	64		
4/ 93											F			. 1			• 7	1.	Ç,	1.3	1	• 5	• 5	5	• 1	1	5	1;	5.1		
1 / 91								1					•	. 2	•	7)	.6	2.	3	1.2	1	. "	•	7			5	6	5.5		
/ 83																	2.5						• 1	1				8	5.9		
6/ 27									-								1.6			1.2	1	. 2					7	4	74		
5/ º F									,		. 1						1 . 2					• •		1				5	5.5		
4/ 03		-	•							•	ű,						2.8			• 2								7	5.5		
1 21									• 1								2 . ?		?					L.			1		1.0		
179									. 4								• 5				7			-i -	_			3	53	-	
7 - 1 - 7.7			_			_ :										8	• 5	•	11	• ?								6	78	1	
5/ 75					•	1	• 2	1				• 5				4											-	4	34	4	
-4/ 73			_				• 4	1	• 5 ,			1.0				4												3	23	34	
7.					•	4	• 4	1				1.0		• 2								1					1	8	19	24	
1 69					•	1		i			9 L	• 1	i			- 1					_	1						9	3	137	•
4 / 67					•	?				٠	-					7												6	6	134	5
6/ 65							_ • '	!			1		!								4	i						1	1	1 5 2	12
4/ 53					•	1					7							•			,							1	1	145	5 3
1/ 61											<u>.</u>					÷			1								<u> </u>	_		58	48
/ 59	• :	2						,			7		-			Ţ												3	3.	43	131
7 / 57		.	÷			- +		<u> </u>			i		<u> </u>			-														20	115
51 55											1		!			1			1									- 1		13	89
4/ = 3											-			_		1										Ĺ	+			2	94
7 51									,		1		ì	1				ĺ			:	- 1					1				75
7 / 44		<u> </u>						<u>.</u>			ì		<u> </u>			i		<u> </u>			1	i						-+			76
4 / 47						- 1		į	,		1		ļ			1		į						i			i				63
4 / 45						-+					_		ļ_			-						-		ᆚ_		ļ	_				45
4/ 43						1.		i	7		-		i	Ì		í			- 1			- }		Ì			1				17
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3-7 37			+-			-+		-			4		L_	_		+			\downarrow		1			1			}				
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		Žy2	-			4	x		- -	_	+		<u> </u>	لـــ	No.	-							Mari	<u> </u>	-4 P		f Temp				·
Element (X)		~ X.					X		+	X	+	•,	-	-	Me.		·		0 F	_	s 32			7 F	_	73 F	- B0		+ 93 F		Tetal
Dry Bulb									+		+			-					U P		= 32	-		·/ F	┿.	/3 F		_	+ * ***		
Wet Sulb									-		+			-		_				-		-+			+		 		 	+-	
Dew Paint									+		+									\dashv		-+			+		+	_	+	+	
Dew Paint				نـــ							٠.			_		_				_		_			٠			_		4	

CLORAL CLIMATOLOGY BRANCH UCSFETAC AIR MEATHER SERVIC./MAC

PSYCHROMETRIC SUMMARY

STATION		PAGO	ZA A	e se	TATION A	AME				73-1	3 !			YE	ARS					MON	
																		PA3:	· •	HOURS II	
Temp. (F)	0	1 1 - 2	3 - 4	5 - 6	7 - 8					17 - 18			23 - 24	25 - 26	27 - 28	29 - 30	1 + 31	707AL 0.8./W.B.	Dry Bulb	TOTAL Wer Bulb	Dew P
11	•:	. 2		1.0	1.2	2.	2, 5.3	0.0	13.6	18.3	14.0	14.7	5.3	7.3	5.1	1.2	. 5	,	927		6.5
		<u>i</u>	<u> </u>			<u> </u>		· 				i ! +				i	ļ	874		674	
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j		:	•	i i	:	:	1	-	į	1 1							1				
Element (X)		2 x'		-	ž x		<u> </u>	-		No. Ob	. 1	<u> </u>			Maga P	to, of H	lours wit	h Temperet	ure		
Rei. Hum.			1 79		70 4	79		10.6		8 2		: 01	7 9	32 F	z 67	F	73 F	- 80 F	• 93	F 1	Tetel
Dry Bulb		599	7350		701		84.8	7.3	70	8 2					92	. 4	88.7	69.4			9
Wet Bulb			7241		545			4.0		82					44		4.4				ç
Dew Point		249	4169	L	450	95	54.7	5.6	48	82	24			• 2	L	• B					9

C JOHN 0.26-5 (OL.A) BEYISE REVIOUS EDITIONS OF THIS P

GLUBAL CLIMATOLOGY BRANCH ATT AFATHIR SERVICE/MAC

1575 ARAGOZA AB SP

01575

PSYCHROMETRIC SUMMARY

1 6 7 2 - 2 7 3 7 HOURS ILL S. T. DASE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wer Bulb Dew Pair 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 17113 ·/ 29 • 2 • 5 • 4 • 1 1•1 1•3 1•4 • 7 45 7.3 / 91 5.7 1.7 2.1 1.8 R Q ./ 57 1.4 1.6 1.9 1.2 .9 1.3 1.9 1.4 1.0 6 I 4/ 43 3.5 3.9 1.8 1.2 3.7 1.2 77 43 49 71 €, 9 35 117 1./ 67 7.7 33 15/ 65 137 41 63 142 7 6 1 59 5 / 55 4/ 52 2/ 51 75 âl € 4 4 / 47 4 / 45 56 4/ 43 16 11 4 Element (X) Mean No. of Hours with Temperature +67 F +73 F +80 F +93 F Rel. Hum. Dry Bulb Wet Bulb

0-26-5 (OL A) 12

USAFETAC NOM 0.26-5 (OL.A) REVIED MEYICUS EDITIONS OF THIS FOLM ARE OLD CATE

LIRAL CLIMATOLOGY BRANCH	
CAPETAC	PSYCHROMETRIC SUMMARY
IT ABATHER SERVICE/MAC	

																			1875 HOURS I	L, Ş, T.
					WET	BULB	TEMPE	RATURI	DEPR	ESSION	(F)						TOTAL	ı	TOTAL	
0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 20	29 - 3	30 • 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew P
					1				!	j	-	i .	!	1						
						_			+	•	 	.								.
• 1	• "	1.7	3.1	3.5	5.5	3.5	11.3	13.6	12.3	11.9	րը	€*0	· . ?	3.5	•	9,1.		-		ø
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†	Zx'			Σx	т	X	•,		No. O	be.	<u> </u>			Mean	No. of	Hours wi	th Tempere	ture		
1		7582			18						± 0	F	: 32 F	* 6	7 F	# 73 F	- 80 F	• 93	F	Total
 																79.	57.			
† 																		1		
 						54.5	5.0	46				+-		1			+	+		
		2x1 154 564 353	2x' 1547-82 564-111 3536158	z _x , 1547-82 564-111 3536158	z _x , z _x z _x 1547582 335 5649111 691 3536158 54	z _x , z _x z _x 1547-82, 33918 564-9111 68151 3536156 54-942	2x' 2x x x x x x x x x x x x x x x x x x	2x' 2x 2x 2x 2x 2x 2x 2x 2x 2x 2x 2x 2x 2x	2x' 2x 2x 2x 2x 2x 2x 2x 2x 2x 2x 2x 2x 2x	2x' 2x X X 3-1 3-1 3-1 3-1 3-1 3-1 3-1 3-1 3-1 3-1	2x' 2x	Zx' Zx X - A Ne. Obe. 1547-82 33918 4C.913.997 929 50 564-111 69151 82.2 8.502 931 3536158 54-942 65.2 4.284 829	2x' 2x	T _X ' T _X X Y P _X No. Obs. 1547682 33918 4C.913.997 929 20 21.22 23.24 25.26 3536158 54742 65.2 4.284 829	2x' 2x X x s No. Obs. Moon 154782 33018 40.913.97 929 20 20 21 22 23 24 25 26 27 20 2x' 2x X 3.013.05 5.5 3.611.313.612.311.910.0 5.9 5.9 5.2 3.5 154782 33018 40.913.97 929 20 20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2x' 2x x x x x x x x x x x x x x x x x x	2g' 2g R R S No. Obs. Mean No. of House W 154762 331 6917 327 2476 273 79. 154762 33918 40.913.937 929 29 29 21 227 2476 2779 79. 3536158 54742 6552 4284 829 31 97.3 79.	2 x' 2 x	5 1. 2 3. 4 5. 6 7. 8 9. 10 11. 12 13. 14 15. 16 17. 18 19. 20 21. 22 21. 24 25. 26 27. 28 29. 30 * 31 D.B./M.B. [Dry. Bulb.] 1. 7 1. 7 3. 1 3. 6 5. 5 3. 6 11. 3 1 3. 6 1 2. 3 11. 9 1 2. 0 7 5. 9 5. 9 5. 1. 1 5. 9 5 29 5 5 6 9. 1 1 3 1 3 5 1 5 1 8 2. 9 7 7 9 2 9 2 9 7 1 1 2 1 7 1 1 1 6 1 7 1 1 1 6 1 7 1 1 1 1 1 1	WET BULG TEMPERATURE DEPRESSION (F) 0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 7.18 19.20 21.22 23.24 25.26 27.28 29.30 31 0.8.48. Dry Bulb Well Bulb 1.7 3.1 3.6 5.5 3.6 1.313.6 12.311.9 12.0 2.0 2.2 23.5 .6 1.1 .351 .529

BL RAL CLIMATOLOGY BRANCH JOAFETAC AIT AFATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS		MONTH
		c	PASE 1	2110-230 HOURS IL. S. T.
Temp.	WET BULB TEMPERATURE DEPRESSION (F)	TO	TAL	TOTAL
(F)	0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-			
/ c:			1	1
1 95	· u · · · ·	1	Š	·
2/27	.4 .7 .2		1 ? 1	,
5/ 25	.4 .7 .5 .7		19 1	
4/ 53	1 .0 1.4 1.1 1.5 .2		35 3	
1 81	•5 1.1 2.2 2.7 1.6 .8 .1	•	74 7	
1 79	1. 1.1 3.3 1.6 .7 .6		71 7	
1 77	1. 1.6 3.4 2.3 2.7 1.4 .2		39 9	-
-1 75	· 1 · 2 · 2 · 4 · 2 · 3 · 7 · 2 · 1		77 - 3	
4/ 77	7 .6 1.4 2.4 1.4 .4		- :	
771	1 5 7 2 1 7 3 5 1 2		79 7	
/ 69	1.7 1.2 1.8 3.5 1.7 .6 .4		51 3	
7 67	.21. 1.7 2.5 2.8 2.1 .4		FC 5	
5/ 45	•4 •8 1•1 1•7 1•2 •5 •1		49 4	
4/ 53	1. 6 6 7.2 1.1 .7 .2		<u> </u>	
1 51	.2 .7 .7		70 2	
7 59	1: 4 2 : 1			
/ 17	•1 • • • • 1		11 1	
/ : 5 ·	• 2			$\frac{67}{3}$ $\frac{12}{41}$ $\frac{3}{5}$
4/ 53	• <u>-</u>		ř	
7 51		· · · · · · · · · · · · · · · · · · ·		3t 7
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4/ 42				_
7/ 41		the state of the s		1
7 70				1
/ 37		1 1		
7 35				
Tal	1.0 4.1 7.014.618.317.514.5; 0.8 6.1 4.5 1.6	•	2.33	2 93
			[3.	د و جو م
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+				·
i			1	
lement (X)	Zχ' Zχ X No. Obs.	Mean No. of Hours with Ten	Apereture	
el. Hum.	2533570 44482 53.613.302 837 ±0F		80 F . 93	
ry Bulb	4551677 61785 73.7 6.713 832		9.7	5
et Bulb	3257168 51870 62.5 4.339 830	18.0		9
lew Point	2536199 45639 55.7 5.671 830	• 2		4

USAFETAC FORM 0-26-5 (OLA) REVIGEMENTALS FORMONS OF THIS FORM ARE DESCRITE

CLIFAL CLIMATOLOGY BRANCH CI-FETAC AIR AFATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

PASE 1

Temp.						WET	BULB .	TEMPER	LATURE	DEPRE	SSION (<u>")</u>						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	3 - 24 2	5 - 26 2	7 - 28 2	9 - 30	× 31			Wet Bulb	Dew P
2/1/1				•							1			1	!	1	• ~	2	7		
1 25							•				i			. 1	.1	. 1	• 1	2.7	27		
3/ 97						•		•			+		. 1	. 1	. 1	-7	• 1	7.7	3.0		
1/05												. 1	. 4	. 9	5	1	•	125	125		
-/ 7:			÷								•1		. 4	7		÷		97			•
12 /										• 1	ų	• -	4	. 3	. 2	•	•	137			
· / a :									• 1			.6	• ?	• 1				131	131		•
87 87 87 87												.7			•			126			
· ·				•	+			!			• 8		• 2	<u>•!</u> -				213			•
5/ Pi						_	• •	• 1		1.0		• 6		•							
1 67						•	• 2			1.2	<u>• 7</u>	<u>• 3</u> .	•1,					245			
/ -1					• ີ	• ?		1.2			• 6	• ₹	• 1					465	•		
/ 70					• -	٩.		1.3			<u>•3</u>							311			
7 / 77				• ~	• 6	-		?•?		. 7		• ~	• 7					156		-	
1 75				• 3		1.5			. 5		• 5,							446	448		
77			• 1	• 7	• 9	1.5	1.5	• 5	• ?	• 1								358	738	7 3	
77			3	1.7	1.0	1.2	1.5											446	447	234	
1 49		• "	1.7	1.5	7.03	1.7	1.1	• 3	• -									537	E 38	499	
167		• :	1.5	1.6	3.0	7.1	• -	• 1	1									593	594	667	
1/65		. =	1.5	2.1	1.5	1.2												426	489	916	1
4/ 63		. 9	1.6	3.2	1.9	. 7	2	^										500	564	1101	ų
1 6:		• 3		1.3		• 3			 -		+							254	254	996	5
1 -9	. 1	. 4	. 3	1.5		• 1			:	!								251	253	757	10
7 57	 :-		• 3						 							+		6.6	66		
1 65		•	• ?			•			1		,	1		1				. 37			_
4/ 53							·						+			+		14	<u> </u>		
2/ 51		• •		-	, ·]				1			*	1		1		5			
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4/ 43				·		<u>. </u>	<u> </u>	L	 	}											
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1 37							ł	1	1	1	j)			· ·	- 1		}	1		
1 75					1			L			i							<u> </u>	<u> </u>		
lement (X)		2 x'			ZX		X	- A		No. Ob	4.				Meen No	. of He	urs wit	h Tompore	ture		
el. Hum.						\Box I						± 0 F	2.3	12 F	2 67 F		73 F	- 80 F	• 93	F	Total
ry Bulb				T				1											$_{\rm L}$	$\Box \Box \Box$	
fer Bulb				1									1			1		I			
ow Point				+					-+-		-			+		+-					

USAFETAC NORM 0-26-5 (OLA)

GL BAL CLIMATOLDGY PRANCH CLAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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STATION				5	TATION	NAME								Y	EARS			PAG	Ē,		MTH LL L. S. T.
Temp.	- 7									E DEPRE								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 6	9 - 10	11 - 12	13 - 14	15 - 10	6 17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	D + 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew P
2 / 32						1	,		i						· —						
/ 27		:	<u></u>							<u> </u>			·		•	<u>. </u>	<u> </u>				
TAL	• 1	2.4	9.91	14.2	14.5	12.	310.5	. ê • ∂	ું 7 • 6	6.5	4.7	7.7	ַני•יני	1.9	1.1	• •	• 2		6525		66.
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Element (X)		2 x'			ZX		X	•		No. Ob								h Temperer			
Rel. Hum.			7219		364			16.7		66		= 0	•	s 32 F	2 67		- 73 F	≥ 80 F	• 93 1		Total
Dry Bulb			7788		499			9.4		55 55	- 1		_		555	1	9.5	198.	7 31	• •	76
Wet Bulb			3177 6463		414' 355		_	5.5	•	55				• 3	167	• 1		 	+		74
Dow Point		۲ - ۲	0 7 0 3		303	7 7 3	9963	3.3	ادد	90	1.5			• 3	<u>'L</u>	• •	_	<u> </u>			

USAFETAC NORM 0.26-5 (OLA) SEVISE MEVIOUS EBITIONS OF

CLIPAL CLIMATCLOGY BRANCH
UTSFETAC
AT MEATHER SERVICE/MAG

155.5

STATION NAME
STATION

PSYCHROMETRIC SUMMARY

7870-3200 Hours (L. s. T.) PASE 1 TOTAL Temo. WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. Dry Bulb | Wer Bulb | Dew Point 7.1 77 4 2.5.1 17 17 / 71 60 .4, 1.7 •3 3•5 2•5 1•5 2•8 •2 •3 2•5 7•4 4•1 2•4 •4 1•5 2•1 4•4 4•1 1•5 5.5 1 60 92 1 4.1 67 114 114 76 5/ 65 25 116 54 • 3 • 1 116 4/ 63 .4 2.1 1.4 5.3 3.4 1.6 25 .6 1.4 1.6 1.8 1.9 .7 1.4 3.5 7.9 1.5 59 79 45 • 1 1 = 9 9 1 32 114 1.7 1.9 .7 1.4 1.7 1.3 .8 .5 .5 1.4 1.7 1.9 .3 .4 .1 / 57 49 50 110 ٥2 5 / 55 2.3 33 • ! 4/ 53 19 19 77 ō 4 5 44 19 •3 49 • 1 47 69 4 / 47 4. / 45 15 64 -4/ 43 12 38 2/ 41 43 / 39 37 11 6 3../ 73 1 32/ 31 = / 7 7 1 1. 7.317.629.625.013.3 4.9 1.9 .1 796 796 796 2x1 3789517 2 x 53958 X 7. 67.812.860 No. Obs. Meen No. of Hours with Temperature Element (X) 796 #47 F #73 F #80 F #93 F 10 F Rel. Hum. 1 32 F 33.3 3.3 3374715 51149 64.1 5.738 57.8 5.725 798 Dry Bulb 46003 42051 90 2684693 796 4.4 Wet Bulb 2265779 52.8 7.466 796 90 Dew Paint

73-81

ETAC POSM 0-26-5 (OLA) REVISED MEVIOUS EDITIONS OF THIS FORM

GLIBAL CLIMATOLOGY BRANCH JIFETAC AIT WEATHER SERVICE/MAC

61475	ZAF	RASC.	ZAA	B SP						73-81								5.5	
STATION				S	TATION NA	AME		_					· · •	EARS		PAG	Ε 1	1370 -	-952
																			. 3. 1.
Temp. (F)						WET	BULB .	TEMPER	ATURE	DEPRESS	ION (F)	22 22	24 24 24	102 00 00	30 - 2	TOTAL D.B./W.B.	Day Bulk	TOTAL	Da 9
-4/ 77	0	1 - 2	3 . 4	3 - 6	7 - 8	9 - 10		13 - 14	15 - 16	17 - 18 19	- 20 21	- 22 23	- 24 25 - 26	27 - 28 21	. 30 8 3	7		WEI DUID	Dew P
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6/ 65 4/ 63		1.4			:	-	• 4				1		i			183	153	58	
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147 53		1.0	• 5			• 1								1		34	35	8.9	7
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Element (X)		E x'		 	ZX		Ī	-		No. Obs.		_—		Meen No.	of House -	ith Tempere	<u></u>	<u> </u>	
Rel. Hum.	<u>'</u>		89 1	 	584	53		11.8	79	790	, -	1 0 F	± 32 F	≥ 47 F			• 93 /	. 1	Total
Dry Bulb			729 9	 	488	1	61.	5.5	· 1	83		- 		10.0		2	+	 -	5
Wer Bulb			53 1	 	448	- 1	56.1	1		790			 	1.1	L.	-	+		
Dew Paint			2274	├	415			7.2		799			• 3		`		+	-+	
PAM LOIUL				L		• `•								1	1	_1			

SUFBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

Temp.						WET	BULB .	TEMPER	ATURE	DEPRE	SSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8							21 - 22	23 - 24 2	5 - 26	27 - 28	29 - 30	2 31		Dry Bulb		Dew Pair
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1-1 67		. 4	1.5	. 6					•			+					+	29	29	7	
6/ 65		2.2	2.6	1.6	. 4					1	i			1				5.7	57	2.8	e
4/63			5.7					•		;	-	++						166	156	÷ 1	5.2
1 / 61			5.1									ì			. :			122	102	92	43
1 " 9	- 5					• 2						+					+	146	145	76	ê 4
/ 57	. 1	1.6	2.9	3.2	1.5	. 1						1							77	117	5 7
5 / 55		1.1	2.1	1.4	1.1				·	•		+			•		•	46	45	1 2	79
4/ 53	• 2	2.1	1.9	2.2	. 4	:				•								5.5	55	2.8	5.6
6/ 51			2														+	29	37	7 =	£ 3
r / 40		. 6	1.5	. 9			ř.							}	,		ļ.	79	29	51	75
/ 47		. 9	1.4	·			+	•			 -						 -	1 2	18	47	56
4-7 45	. 1		. 7					i					1				:	1.3	17	36	69
4/ 47		•1					+	:										1	1	16	43
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1 / 30						!	•			1									•	3	17
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34/ 33.					:	I I			1	1			1	i			1	1 .	. :		7
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STAL	? • 2	21.9	33.2	29.8	19.5	2.5	. 6	. 1	• 1			1 1		}				i I	요주동		901
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Element (X)		Z X'			Z X		X		\Box	No. Ob	6.				Mean N	o. of H	ours will	h Temperet	wre		
Rei. Hum.			3328		514		76.7			8	01	10 F	= 3	2 F	2 67	F .	73 F	- 80 F	≥ 93 F	7	otel
Dry Bulb		287	5282		478	38	59.6	5.6	25	8	33				6	. 6		T			9:
Wet Bulb		248	8336		444	38	55.4	5.7	36	8	21					. 8					91
Dew Point		220	7615		416	81	52.0	6.9	55	B	01		-	.1							90

GLURAL CLIMATOLOGY BRANCH USSEETAC AT . REATHER SERVICE/MAC STATION STATION NAME

PSYCHROMETRIC SUMMARY

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STATION				•	I ALLON N	ME								, , , , , , ,			PAG	<u> </u>	7978	-11.
																	·		HOURS (
Temp.					,					DEPRE						 	TOTAL	-	TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8			13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24 25 -	26 27 - 20	29 - 30	2 27		Dry Bulb	Wet Bulb	Dew P
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· / 67			1.6							•							97			
6/ 65			3.1											- :			176		5.8	2
4/ 63	_ 7	1.8								•					·		115			
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lement (X)		2x1 361	55 6		8 x 5 2 8	26	86.3	22.1			97	201	F 5 32 1			+ 73 F	- 80 F		F	Tetal
Dry Bulb			2565		523			5.8			90		321		1	9.8				
fet Bulb			8552	1	458			5.5	- 1		97			1	9		 	+	-+	
747 5010			7006		497			4 5			67			_ -			 			

USAFETAC NOW 0.26-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH

CAFETAC

ATT MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION STATION 00.515 1273-1463 HOURS IL. S. T.J PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin (F) E/ 37 3 6/ 95 .1, 1.3, 2.5, 3.3, 1.4 • B 47 33 31 . 6 31 1 : 75 PO 37 1 70 .4 2.4 .8 2.5 3.1 • 3 1.3 3.0 5.4 3.5 2.1 1.0 78 .8 2.5 2.3 2.5 1.0 • 1 .9 1.4 2.4 2.6 3.3 1.1 14/ 73 1.1 1.1 2.3 1.8 • 1 19 71 64 64 1 69 1.1 71 90 0 - 1 67 .5 1.5 1.1 1.9 1.3 52 52 1.5 1.1 1.5 .5 .8 1. 1.7 1.6 .4 .5 .7 .4 1.7 .7 .4 3 132 32 1?8 4/ 63 • 5 • 3 71 31 73 . 1 • 1 A 14 13 64 P 7 103 . 1 5-1 57 • 1 60 61 8 5 / 55 60 6 66 64 52 1 49 1 / 47 47 55 / 45 28 14/ 43 43 7<u>:</u> 12 3-/ 37 8 35 6 34/ 33 2 2/ 31 800 1.3 1.1 4.9 9.317.622.122.314.0 4.9 1.8 TOTAL 7 °a 50.911.728 No. Obs. Mean No. of Hours with Temperature Element (X) = 67 F = 73 F = 80 F 4C718 7182340 900 1 32 F ■ 93 F 78.1 57.1 15.5 97 4396243 59119 73.8 6.411 901 Dry Bulb 3103867 49643 62-1 5-404 300 19.0 93 Wet Bulb 90 43105 53.9 7.337 800 1.1 2365557

õ 0.26.5

GLERAL CLIMATOLOGY BRANCH USAFETAC ATT REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION STATION NAME PASE 1

Temp.						WET	BULB .	TEMPER	ATURE	DEPRE	SSION	(F)					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 . 24	25 - 26	27 - 28 29	- 30 * 31	D.B./W.B.	Dry Bulb 1	for Buib D	ew P
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/ 80												1.5			• 1		33	33		
2/ 27												. 9	• 2			• 1	40	40	:	
· + / 🤞 5												. 9					5.1	51		
/ =-					•							. 9	• 1			,	94	94		
/ 5							. 1.0	7 . E	5.4	3.7	1.6	. 4			L L _		134	134		
1 79			•		• 2	• 5	• 5	1.9	3.7	1.9	1.4	• 1				-	0.4	84		
7 / 77								1.7					• 2		1.		C #	95		
7 75			•	• 1	• 2	. 4	1.7	2 . 5	1.2	1.1	. 4	-					5.5	56		
14/ 77		. 1		. 4	• 2	. 5		1 - 4		1.2	. 1						41	41	7	
771			• 1		• ?	• 1	• 6	1.6	• 7	. • 5							3.	33	77	
- / 59		. 4	• 5	• 1	• 1	. 0	1.1	1.	• 7	. 1	2	. 1					4.2	42	5.5	
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Element (X)		2 1			ZZ		Ť.	•.		No. O	18.				Mean No.	of Hours wi	th Tempere	ture		
Rel. Hum.				1		$\neg \vdash$		1	_			201	.] ;	32 F	≥ 67 F	■ 73 F	* 80 F	≥ 93 F	Te	rai
Dry Bulb				<u> </u>		_		1								Ī				
Wet Bulb				<u> </u>		_										7				
Dow Point				 					_						1	1			-	

USAFETAC FORM 0-26-5 (O.L. A) NEWTON REPORTS EPITONS OF THIS FORM ARE OMNOTED

STATION	JARAGO.	24 45	STATION NAME				73-81			76	ARS						N1H EE
														PAGE	•	15°C	- <u>1</u>
Temp.	, , , , , , , , , , , , , , , , , , , ,						PRESSIO		1	7	7			TOTAL		TOTAL	
(F)	0 1-2	3 . 4 . 5 .	6 7-8 9-	10 11 - 12	13 - 14	15 - 16 1	17 - 18 19 -	20 21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew
ratil	. 9	1.9 2	•4 1 • 2 5 •	212.6) 1 . 2 b	1 - 2 1 1 -	1:4.6	1.7		, ti	.1	1	1	3 . 2		
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Element (X)	2 X1		ZX	X	7,		No. Obs.							Temperate			
Rei. Hum.	155.		33895		12.04		801	= 0	P	s 32 F	= 67 F		3 F	* 80 F	× 93 1		Total
Dry Bulb	495	4447	62745 50473	78.2	4		8 J 2 8 J 1	4			82.		1.6	45.2	!	. 2	
Wer Bulb Dew Paint		0005	42119	63.7	7.52		801	+	\rightarrow		26.		• ?		 		
DEW FRINT	. 201	2000	76117	32.0	1 . 5 2	- = [901			• 7	<u> </u>	٠					 ,

GLUBAL CLIMATOLOGY BRANCH USAFETAC ATT WEATHER SERVICE/MAC

STATION				5	TATION N	IAMÉ				-				YE	EARS			PAGE		1870	
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Temp. (F)								TEMPER						1	T			TOTAL		TOTAL	12.
/ 01	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 16	19 - 20			25 - 26	27 - 28	29 - 3	0 • 31	D.B./W.B.			Dew
/ 89		1			i	!		İ	1	_	1 4	• 1			i			. 2	?	'	
6/ 07			Ļ	<u> </u>	.			i	• 1		. 9		+		-	├:	+	13	13		+
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/ 01							. 2_1	2.3					1 1	i			1		112		
779		 -				- 0		1.5	1.0	1 0	10.	. 4	• 1	 	+	<u> </u>		112	62	•	
7 / 77					, r			1.0				_						104	11.4		
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4/ 73		. 1		. 5		1.				, -					i .			56	56	7	
771			• 1		1.		1.1	<u> </u>	- 0					1			+	45	45	16	•
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14/ 53		• 5	. 7	. 4		1.7			4		 					•		+ 1 7	30	176	
11/61		. 3		- 5		. 5		1	!			1			1	:		21	21	178	
/ / 59		. 4	. 4	. 4		1.1	• 5			·	•	÷	,	·			+		27	72	_
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5.7 55					• 4	•1	!			 -	·	†			!	 -	+	, 4 .	4	41	
4/ 53				• 1	• 1	i .		[]	ĺ	ı	,	1						. 2	2	7 9	
C 57 51		. 5	• 7	• 3	• 1										•	·	+ -	10.	13	26	-
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4 / 45									1 L		İ	1						ĺ.		5	
47 43								:			(F	1				1		·	1	•
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7 35		,					1			1		1					-				. ——
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TOTAL		: ፈ•5) 	3.1	5 • 4: 	6.9	1.5.8	# 4 • 0	16.8	19.7	µ.3В 	5.4	5.4	. 9	• 1	• 1	• 1		798	799	798	: - -
Element (X)		2 X'			Z X		X	·,		No. Ol					Moon A	60. of P	fours wid	Temperen	ure		_
Rel. Hum.		_	3999		382			14.1			98	5 0	F 5	32 F	2 67	F	= 73 F	- 80 F	• 93 F		Tetal
Dry Bulb			37 9		598	- 1		8.2			99		\Box		74	- 1	28 • 8	28.9	7	T	
Wat Bulb			9645		493	1		5.8	- 1	•	98		\perp		21	• 3	• 3		$T^{}$		
Dew Point		225	8356		421	28	5Z.8	7.5	34		98			• 5		• 2	- -		T		

GLABAL CLIMATOLOGY BRANCH Uniferac Athaeathar Service/Mac

STATION	<u>. t</u>	PA30.	<u> </u>	3 5 P	TATION N	AME				73-	81			YE	ARS					S (E P
																		PA5	1	21725 HOURS (1	- 2 ₹ <u>7 7</u>
Temp.							BULB											TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24 2	5 - 26	27 - 28 29	- 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poi
/ E1							. 4	• 1	• 2		• 1			1				7	7		
/ 79	~	· 	•			1.0			5			<u>'</u>						16	16		
7 77							7 • 1		• 2							i		46			
5/ 75		 -					. 9		• 2									5.8	5.8		
4/ 73				1.5			2.2		• 6	• 1			1	:	:	1	: :	79	79		
/ 71							2.9		2								<u>. </u>	<u> </u>	84		
1 57	_						1.6		• 4	• 1				:		:		93	9.7	1.5	
-/ 67	• 2	··; ·			+		1.7									-		79	79	<u>56</u>	
6/ 65		5		•	7.1		-								4			79	/9 73	7 t 9 6	10
4/ 63		<u>. 1. ´</u>	• 6		2.7													41	4 3	172	4
7/ 61		• 5			1.7				• 1	• 1				ļ				56	-	113	•
1 57		•5			2.2			• 1							-			30	56	- 113	6
·/ 5/.		• 1.		•		•						1						15	15.	43	51
4/ 53				101	• 2													- 13		59	7
2/ 51		. 5	1.	1.1	•		1							i	'			15	15	32	3
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/ 47		• • •	. 1						į	1									2	8	6
/ 45		•	<u>-</u>														 		·	26	5
4/ 43						i			i				i				,			2	3
2/ 41							 														6
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TAL	• 2	L . ~	5.7	15.2	25.3	23.5	13.7	8.7	2.6	. 9	. 4								a 23;		80
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lement (X)		Zy'			Z x		¥	-		No. Ob	<u>.</u> 1				Mean No	. of He	ours with	Tompere	lure		
el. Hum.			3476		479	38	59.9				01	= 0 (F 9:	32 F	≥ 67 F		73 F	- 80 F	+ 93 1		Total
ry Bulb		377	4717		542	77	67.6	6.6	98	3	33				53.	5	23.1	1.	7		9
et Bulb		281	6957		472	73	59.0	5.8	12	8	01		\Box		8.	3			I		9
New Paint		225	9396		421	22	52.6	7.4	44	8	10			• 6	•	2					93

SECRAL CLIMATGLOGY BRANCH SEAFETAC AIR REATHER SERVICE/MAC

FIS S	JARASOZA A	STATION HAM	(73-9	<u>•</u>			YEARS				SE	
											PAGE	•	A L	
Temp.			WET BULB T	EMPERAT	URE DEPRES	SION (F)				TOTAL		TOTAL	
(F)	0 11.2 3.4	5 - 6 7 - 8 9						- 24 25 - 1	26 27 - 28 29	. 30 - 31	D.B. W.B.	Dry Bulb 1	Ver Bulb	Dew P
() . 9									• - '		1	1		
10 / 93									•		1	1.		
/ 91						• 1	•	• !			: -	17		
7 89					• -	• 2	• 7	<u>•</u>			4.5	45		
F/ A7					• 1 • 7	• 3	• 7	• • •	1	• ~	6.3	5.0		
5/ 95					•	• 4	• ?	.1	1, • 7,		173	100		
1 6 7			. 7	• .	.6 1.7	• "	• ?	• _			177	177		
/ 8:				1.2.1	•]. • 9.	. 4	• .	•]			328.	728		
/ 75		• 1	. 5 . 3	. 4 1	• 7 • 5	• 7	•]	• _ •	•		243	243		
7./ 77		· C · 7		1.1	•9.1•7.	• ? ,	• 1	• ,			397	794		
75		.2	• • • • •	1.	. 4 . 7	• 1	•				293	771		
-4/ 73	· · · · · · · · · · · · · · · · · · ·		1.1.2	1.1	• 4	• ;				•	. <u>33</u> 9.	739 778	- 12 .	
1 71	• 3	1.2 1.2	· · I · l	• •	.7 .1	` _					507	507	217	
/ 39		1.1 1.1		. • 6	• 7. • 1.	• .				. •	- <u>51/</u> -	-01	<u> </u>	
5 / 57		1.3 1.9	1.5 .7	• 5 • 5	• 1 •						535	£36	656	13
6/ 65				· · · · · · · · · · · · · · · · · · ·	*						- 729 -	-35 -	745	-
.4/ 53 -4/ 61	.2 2. 1.8	3.6 1.2 1.6 1.1	1.7 .6	• 4	•						427	459	754	30
- (/ 01			1.5		· . · .			•	•	.	517	<u> </u>	725	66
5 / 57	5 9		.4 .1	•							272	274	694	55
5 / 55	4 4		<u>-1</u>		- • •	•	. •				165	156	558	5
54/ 53	m 5 5	9 3	•••								150	151	498	56
7 = 1			·	•		•	•				78	50	331	5
e / 45	.2										74	74	2 = 4	51
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12/ 41	• 1										5	5	13	3 9
4 / 7:									_+		†		4	11
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Element (X)	Z X ,	ZX	R	" a	No. Obs						A Temperati			
Rei. Hum.		 			L		10F	2 32 P	≥ 67 F	≥ 73 F	≥ 80 F	• 93 F		etal
Dry Bulb		1	1	-	1					ļ	 	 		
Wet Bulb			1											
Dew Point		<u> </u>		<u> </u>	1						<u>. </u>	1		

GLORAL CLIMATOLOGY BRANCH Usafetac Air reather service/Mac

STATION	JAPAGOZA AB	STATION NAME			73-81		YE	ARS		PASE		SEE MONTH ALL
											HQUR	S IL. S. T
Temp.	0 1-2 3-4 5	WE 3-6 7-8 9-10			TE DEPRESSION		- 24 25 - 26	27 - 28 29 -	30: = 31	TOTAL D.B./W.B. Dry	TOTA	
- / 27		· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	-		,			·		
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-7 21 -7 7 6 1	. 7.213.11	0 0 1 1 0 1 2	• 0 •				.4 .1	,	-		4 5	6 र
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Element (X)	Zx'	Zx	- - - - - - - - - -	**	No. Obs.	'		Mean No. of	Hours with	Temperature		
Rel. Hum.	25341361	397479	60.5	17.041	5793	: 0 F	± 32 ₱	≥ 67 F	173 F	- 80 F	• 93 F	Total
Dry Bulb	30236143	4362_3		9.129	6436					90.7	• ?	
Wet Bulb	22701744	378868		6.243	6393	ļ		89.2	1.4			•
Dew Point	19171428	337586	32.8	7.347	6393		3.0	3.5				

	CARAGOZA AR SP		7	3-81					0	
STATION	SŤ	ATION NAME			YE	ARS			MON	TH
							r	PAGE 1	HOURS IL	
		WET 0111 0 7	EMPERATURE DE	PRECEION (E)			TO	TAL	TOTAL	
Temp.	0 1-2 3-4 5-6	7 8 9 10 11 13	12 14 15 14 17	18 19 20 21 - 22 2	3 . 24 . 25 . 26	27 . 28 29 . 1				Dew f
"/ 73+	0 1 2 3 3 3 3 3 3	7-8 9-10 11-12	13. 14 13- 16 17	- 16 17 - 20 21 - 22	3 - 4-12-2-	27 20 27 3		1 1		
71		•	•	1						
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/ 67		1t .t						72 22 20 20	 	
5/ 65	•4: •5 •7	.5 .1 .1							_	
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7 51	.1 1.3 1.8 1.8	•9 •2 •1						52 52	25	
/ - 9	1.3 1.7 3.4	1.5 1.7 .1	•1_			· · · · · · · · · · · · · · · · · · ·		70 79	_ :::::::::::::::::::::::::::::::::::::	
1 57	•4 1.6 1.1 2.3	2.2 .2	- · •					54 64	-	
5 / 55	.1 1.5 3.6 7.4	1.9 .4						6.2 5.2	5.7	
4/ 53	.1 2.8 3.9 5.8	1.1	•	• -•			1	12 113	75	
1/ 51	.1 1.6 4.7 3.7	1.3 .1						96 96	F 3	
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4 / 45	11.61.31.3							34 34	े हुउ	
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171 _~	1.715.831.837.13	15.5 3.5 1.1	•4 •1					927		Q.
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Element (X)	Σχ'	Z X	Ta No	o. Obe.		Mean No. of	Hours with To-	mperatura		_
Rel. Hum.	8438884		11.95	827 ±0F	: 32 F			80 F - 93	f 1	late!
Dry Bulb	2530555	45451 55.	6.284	727	1	3.9	•1		+	
Wet Bulb	121236		5.911	827		 				
Dew Point	1792571	(7.1.4	827	7.4	 		+		
PAM LOUGH							 			

USAFETAC FORM 0.26-5 (OL.A) REVISIO MENOUS ENTIONS OF THIS FORM AND OLD LETTER

UC RAL CLIMITHLOUY BRANCH LIBERTAG AT LIBERTHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

TATION STATION NAME

TO STATION NAME

TO STATION NAME

TO STATION NAME

TO STATION NAME

TO STATION NAME

TO STATION NAME

TO STATION NAME

TO STATION NAME

Temp.					WET	BULB	TEMPERAT	URE DEPR	ESSION (F)					TOTAL		TOTAL	
(F)	0 1 - 7	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14 15	- 16 17 - 1	8 19 - 20	21 - 22 23	- 24 25 - 26	27 - 28 29	- 30	× 31	D.B./W.B.	Dry Bulb 1	Fer Buib i	Jew Pair
1 59				Ī	. 1		• ?								3	3		
1 67			• 1:	1 1		• 3	•1		. !		1	_ i	Ĺ		4	4		
6/ 65		. 6	٦٠	. !	• 1			!							! 1	11		
4/ 53		6 1.3	2.7	1.2	• 2	?							:		_ 5 a _	5.8	₹.	
/ 51	1.	6 1.9	. 7		• 2					,		1			3.6	36	. 2	4
/ 59	• 6 1 •	5 2.9	1.2	5	. 4	. .									54	64	7.3	23
5 / 57	.7 1.	5. 1.9	2.9	• 5											54	64	51	3 6
5 / 55		5 3.5	2.4	1.7	. 1	l									£ 2	3.2	51	3 0
4/ 57	•2 1•	5 1.7	3.9	• 5											5.5	٤5	42	3 7
/ [1	-5.4.			• 1											110	111	2.3	5
7 4 4 4	.4 2.	A 5.7	1.9	• 5											172	102	76	7
- / 47		6 5.2				4						: 			79.	79	124	6
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Element (X)	Žχi			ž _X		X	· A	No. (Temperat			
Rel. Hum.		2 44		622			11.171		<u> </u>	10 F	1 32 F	≥ 67 F		73 F	- 80 F	→ 93 F		eral
Dry Bulb		21.55		435			6.152		824		 	· • • •	E					9
Wet Bulb		23476		4:32			6.249		921		L	 			ļ	-		9
Dew Paint	1.7	25715	1	371	17	45.2	7.214		621		2.7	1						9 :

SLIBAL CLIMATOLOGY BRANCH SIMPETAC ASA REATHER SERVICE/MAC

STATION	TEAC	CLAA		ATION NAM	£			77-8	<u>'</u>			YEARS					<u>C (</u>	
															PAG	F 1	1675	
Temp.					WET BULB										TOTAL		TOTAL	
(F)	0 1.2			7 - 8 9	- 10 11 - 12	2 13 - 14	15 - 16	17 - 18 1	9 - 20	21 - 22 23	. 24 25 -	26 27 - 2	26 29 - :	30 = 31		Dry Bulb	Wer Bulb	D.
5/ 55		2						ļ ;		:			i	i	6	6		
4/ 63		5, 1.1		• 4		·								4	41	41		
/ 1	- •	1 1.7		• 4	• 1					:					4 1	41		
/ 69	<u>•£ 1•</u>			• 7!	•1								-		1	51	74	·
7 5 7	•8 1.		•	• 4				1							- 1	51	4.8	
5 / 75	• 5 5 •			•		<u> </u>		•+							£ 1	61	45	
4/ 53	• 5 3 •					1		•							1	7 1	£4	
/ 51	•5 ?•				+								<u> </u>		76	75	173	
7 44	• 3 •	-		• !											115	118	56	
- / 47	•1 2•	-		4									_+		51	81	113	
4 / 45	-	2 3.5		• 3											5.5	35	1 72	
-4/ 63		9 1.6		• 1								- 			45	46	<u> </u>	
27 41	•1 2•														5.2	5.2	57	
7 7 77		2 • 2													12	12		
/ 35	•1 •	-										1	1		3	- 3	19	•
3 / 33															1		4.	
3 / 33 32 / 31												;						
-4-7-3-+		+				∔							<u> </u>		+		·	
27/27						1									'			
	7.733.	139.3	27.2	4.1	•5	++									 -	525		
		-:-						; i							826	, _ ,	526	
						++		-	+					+				-
1								: 1						i				
												-+		+	+			
	1					1 1			į		1	1		•	;			
		- +	•			++			+			+	+		+			
!					1			. i		:		1	i				,	
	:											1	-	-	+			
										i		Ĺ	L	i	i			
					1				- 1			-	Ţ	1				
			<u> </u>												<u> </u>			
1	İ	,				7				-		i						
		4	1			1 1			<u> i</u>				1		<u> </u>			
Element (X)	Z _X '	95-7-	Z	X.	X	**		No. Obs.							h Temperet			_
Rel. Hum.		22 67		65 63		0.35		8.2	ł	2 0 F	± 32 F		7 F	• 73 F	≥ 90 F	- 93 1	F 1	7011
Dry Bulb		3677.		42674 79994	1	6.23		8.2			<u> </u>	Д			 			
Wet Bulb		68118 23742		3725	1	7.26		9.2 82	- 1		_	_			1			
Dew Paint	1 /	Z 3 (9 7)	1	31/34			51	H 7			3.	111			1		1 -	

GECHAL CLIMATCLOGY BRANCH L'AFETAC ATA AGATHER SERVICE/MAC

STATION				5	TATION N	AME								YE	ARS					MO	KTH
																		PAG	ר ו	1913	
Temp.						WET	BILL B.	TEMPED	ATURE	DEPRES	SION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	2.4	5.4	7.9					17 - 18 1			3 . 24 2	5 . 24	27 . 28	29 . 30	+ 31	D.8./W.8.	Dry Bulb		Dew P
7 / 77				3.0	1,10	7 - 10	11. 12	13. 14	• 1					-				+	,		
75			1			ļ				1		i	;					1	1		
		L	L					• 1					+				 	 		·	
4/ 73				• 1	: _	• ?				(i		!			i			. 4	- 4		
71		.	• • • •		• 3	. 4	<u> </u>											,7			
/ 69	,		• 1	• 5	. 7		. 4						l				!	1 3	19		
÷ / 67			. 4	. 4	1.	• 5	. 4	•1									+	<u>, , , , , , , , , , , , , , , , , , , </u>	22	1	
6/ 65		• 1	1.1	1.1	• 7	. 4	: •6											3.3	33	2	
147 63		1.3	2.3	3.7	1.9	1.3	1					: 						89	39	?2	
-/ 51	• 1	1.2	1.4	1.3	1.	1.0											1	53	57	3.8	
. / 59,	• 5	2.1	3.4	7.8	3.2	1.4	6			1			:	_ :			ш.	115	115	56	:
5-/ 57			2.8		3.1		• 1											6.0	97	77	-
5./ \$5	. 2	2.7	2.2	2.9	2.4	4				1		1					1	£ 4	5 4	74	
4/ 53			1.6		1.4		+	-		; ;		•	+					7 9	78	92	
./ []			2.9										i					6.5	5.5	_	
- / 47			2.5				+	·					+					. 56	5.6	89	
47	• -		2.6					į :					1		!			42	42	95	ì
45			1.2	. 6		+	+	 		++		•						32	32	+	1
4/ 43						1	1	i I										12	10	50	
12/ 41		. 4		• 1		<u> </u>	+			++		 					+	12	1.2	79	
										i							!		• •		
1 7 7 7		• 1	• 1			+				+-+		++					┿	2	. 2	16	
7-/ 37			i		i			!		- !							1				
7.1 35			·				<u> </u>			↓		·	i				 	+		1	
3 / 33						:		i i		! 1		i i	1								
2/ 31								<u></u>									L				
1 25			!			İ		! !		1							1	!			
7 / 77			-		 	1	d								<u> </u>					·	
STAL	2.4	15.3	26.1	25.4	15.4	8.4	ે ? ે દ	. 4	• 1	.i - F			- F		, i		1	İ	P 3 ?		8.
			, L		-		1			11							L	832		832	
												1									
			 				 -			++					└		 	 		 	·—-
i					<u> </u>	1	<u> </u>										L		! 		
						i															
Element (X)		Σχ'	-		ZX		X	₹,		No. Obs					Mean N	le. of H	ours wit	h Tempere	ture		
Rel. Hum.			55 °		59!			13.6		83		± 0 F	5 3	32 F	# 67		73 F	→ 80 F	▶ 93	F	Total
Dry Bulb		269	7333		477	55	56.6	6.5	88	83					5.	• 9	. 7				
Wet Bulb		223	6327		428	41	51.5	6.0	46	8 3	32		\top			. 1			1		
Dew Point		137	3687	<u> </u>	389	74	46.8	7.3	58	8 3	52		1	2.2				1			
													<u> </u>	2.2		- 1					

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIT AFATHER SFRVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	_ 5	RAGO	2 A A	8 S P	TATION N	ALIE				73-	81				EARS					C1	CT
STATION															EAR3			PAGE	• •	1270	
Temp.						WE1	BULB	TEMPE	RATURE	DEPRE	SSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 2	4 25 - 26	27 - 2	29 - 3	30 + 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
5/ 85		ĺ				!		1	i			• 1		1		Ī	!	1	1		
' ' A B I		Ĺ				<u> </u>	.	<u> </u>	. 4				• 1	<u> </u>	<u>.</u>	+		7			
7 / 77						i .	: .	• 4	• 7	1	i .		-	:		i		11	11		
16/ 75		· 			• 1	• 1			. 4	• 1			+	+	+	+		34	27		
5/ /3 54/ 73		!	:	• 2		1 -	1.8 1.7		,		1	į	1	į	į	:	:	34	34		
-77							1.5						+	+	+		+	47	47		
- / 59		ļ		?		2.4	1	1.9					*		1	,		F 1	51	1	
: / 57				÷ . 2	<u> </u>				• 1				·	+	+	+		67	67		
6/ 55		• 2	. 7			,	2.3		. ?						1	:		5.7	58	23	
4/63		1.1	• 7	2.7					• 2		·	! 	-	+	+-		+	119	119	60	1
/ 51		. 4	. 8	. 6	1.9	1.9	2.7	• 6						•	1		1	77	77	8.1	1
7 5 3	• 1	• 5	1.1	1.9	7.8	6.8	7.2	• 4		:		+	+		+	+		135	135	74	3
5 / 57		• 5	. 5	1.3	2.4	1.7	• 6	•1			1			1				5.9	5 9	9.0	4
5 / 55	• !	• 7			:		• 2			1		ı						43	4.0	110	6
4/ 53		. 4		i				1		1.	<u> </u>	L			\perp	•		18	18	25	7
57 511	• 1	• 2				L .	i			;	1				T	•	•	16	16	97	5
F / 49			.6			<u>!</u>	1	į		,	└	-		<u> </u>	1	<u>.</u>	<u> </u>	9	•	173	5
7 47			1	• 1				•		1		1			ŀ			1	1	53	6
4/45.			<u> </u>	<u> </u>	-		+		-	ļ		 	+	-		+	<u> </u>			- 13	· · ·
2/ 41			į		1	į	1			1		ļ			į					5	10
L / 75		-	 		+	+	 	 				┼	+	+		- -		++			- 5
3 / 37			İ				1						1					1 :			2
35		·	 		: -			 		 	<u> </u>		+	+	+	+	+	 			
3-/ 33			1			i	Ī		i	İ			:	1			†				ī
727 31		 	 			 	+	-	 	+	-	 	 	+	+	†	+	+ +			<u>-</u>
7 / 29		!				1	1	İ		1		ĺ	1	'			1	i i			
77 27					1	 	+			<u> </u>			1	+	+ -	1					
/ 25		i i	i	1	į		į		ļ		i I	1	ì				1]			
CTAL	· u	4.1	6.3	11.8	14.2	24.5	19.1	10.9	2.9	1.0	• 5	. ?	• 1		Ī		1		825		82
		<u> </u>	· -	<u> </u>	ļ	 				ļ			 	-	 	 		824		824	
		<u> </u>	<u> </u>	<u> </u>	_	·	1					<u> </u>			<u> </u>			\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \			
Element (X) Ref. Hum.		272	9374		2 x 459	56	<u> 55. a</u>	14.2		No. Ot	24	= 0	•	1 32 F		7 F	* 73 F	h Temperat	• 93 I		Tetal
Dry Bulb			99-1	i .	529			6.7			25	=	-	2 32 7		.5	11.8	1.	7 73		9
Wet Bulb			295		453	- : 1		5.5			24		-+		1 .	- 5		 	+		9
Dew Point		158	_	 	389	- 1	47.2		1		24			2.5	L	-+			+	-+-	9

USAFETAC folia 0.26-5 (OLA) and rendut latitions of this folial are obsoure

CLOTAL CLIMATOLOGY BRANCH USAFETAC AI- REATHER SERVICE/MAC

STATION

LARAGOZA AB SP

PSYCHROMETRIC SUMMARY

PAST HOURS . S. T WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.S. W.S. D. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 / gc 4/ 83 •1 1•9 2•1 •7 1•9 •2 / 21 . 4 25. 45 7 / 77 .2 1.1 1.7 1.3 . 4 4 5 . 4 .5 1.4 1.2 • 2 • 4 34 .7 2.3 1.9 1.1 . 6 5.1 .7 1.9 1.3 1.7 2.2 2.1 3.3 1.6 ~~/ 71 7 9 7.5 69 2.1 3.3 1.6 .4 1.1 1.9 2.4 2.1 1.7 .9 1.1 1.4 1.9 2.7 1.3 .5 .7 2.2 3.1 1.9 .5 4 - 1 67 67 £] -6/ 65 -4/ 63 9 7 F. B • 5 1.7 2.5 2.3 1.8 5 3 13 7/ 51 -7 59 .7 1.8 4.2 .8 1.7 c 8 37 1 / 57 • 1 2.4 35 5-7-55 4 4 4/ 53 19 . 5 176 75 12/ 31 29 8 64 5 / 49 0 58 4 / 47 48 92 4-/ 45 4/ 43 12/ 41 116 80 5~ 7.7 23 12/ 31 8 7 / 29 9 6 ~ / 25 6 TOTAL -1 1-7 5-1 4-6 9-8 19-4 20-219-4 13-0 4-5 1-1 828 Mean No. of Hours with Temperature Element (X) 48.813.489 2124734 40424 828 +67 F +73 F +80 F +93 F ≤ 0 F 5 32 F Rel. Hum. 3775441 67.1 7.572 55.8 5.825 82A 46.3 22.9 55559 93 Dry Bulb 26 39238 1.2 46230 828 93 Wet Bulb 38331 46.3 7.813 93 Dew Point

73-81

(AC FORM 0-26-5 (OLA) service merious contions of this folks are o

USAFETAC FORM 0.26-5 (OLA) REVISE MENTON SENIORS OF THIS FORM ARE OSCOSE

GLUBAL CLIMATOLOGY BRANCH USAFETAC ALL AEATHER SERVICE/MAC

1.6.5	_ 4	RAGO	ZA A	B SP						73-	81								0	C T
STATION				51	TATION N	AME				_				YE	ARS				MO	NTH
																	PAG	E 1	1873	<u>- 2000</u> Us. 10
Temp.						WET	BULB '	TEMPER	ATURE	DEPRE	SSION	(F)					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30 - 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poi
6/ 95		;			1								• 1				1	1		
/ 31		L	i			<u> </u>	<u> </u>	Ĺ	. 4	. 5		• 1			1		. 8	8		
/ 70					i			-2	• 8	• 1		• !					11	11		
7 / 77		 			<u> </u>		5	• 2	• 5	• 1		<u>. </u>	<u></u>				14		<u> </u>	
TET 75		!				1	1.0	1			. 2	1				1	24			
4/ 73		•	· 	• 1	• 1		1.8	. 1	. 4			1			<u> </u>		28			
7 71				• 1	• 7				. 4			1				ł	3.0			
1 59		·		• 4	4	2.8	+	1.0	• 4				·		<u>i_</u>		5.7			
/ 67			• 1			1	1.2		• 1						i		5.7	-	_	
6/ 65			• 6			A	1.5		·	· 					i		64			
4/ 67		1.2			2.5	1							. !			i	100			
6/ 51	2	1.2				1.3	1	• 2		, .			<u> </u>				69			21
7 69		1.2		1.7		4.		• *					:				105			28
/ 57			1.7		1	1		• 2				.					78	79		33
7 55		• 4			2.5							1				1	56			5
4/ 53		• 2		3.1		1.1	• 1	Ĺ									60			5
2/ 51			1.3	• 5		1		İ								1	?1	1 -		7
/ 40			1.7	• 5		. 1				i							22	1	1	64
7 47	_		1.1	_	• ?					İ							13		_	4 (
. / 45 .	• 2				1							-					7		, ,	102
47 43	į	• 1		• 1	j I	i	i	i				1				}	3	1 2		64
2/ 41			• 1			!	·	i	Ĺ				<u> </u>			i	1	1		122
/ 39					1	!	1					i	ì			1		1	5	5
7 37			<u></u>			: +	i								L +-				1	32
'E7 35					1		1	1	1				1		i	1	!)		2
. / 33					·	· 	ļ			L		L			<u> </u>		<u> </u>	.		19
7/ 31					1							i	. :		[-	ţ		19
7 29					· 	ļ	-					 				-		<u> </u>	•	
7 27																		1		
/ 25			· ·	7 h - Pr	A				-											
Tal	• >	2.0	9.3	14.9	51.9	KI.	4.1	7.8	2.9	1.7	• 5	• 2	•1		i i	i		F 3 2		P 3
-										-							832	 	832	
			<u>-</u>			<u> </u>	: 				-									
lement (X)		2 X'	7669		2 x 482	15	<u>₹</u> 59.0	4		No. Ob	5. 32					of Hours w				Y1
el. Hum.			3413		515	1	62.1	F	- 1		32 32	= 0	- 1	32 F	24 °		- 80 F		-	Terel 9
ry Bulb or Bulb			8237		445		53.7			_	32				2.40			+		9
or Bulb law Paint			2485		385	1	45.3		1		32		-+	3.8	├ ─	-	+	+		9
AM Laitt			_ , ~ 0				,,,,	, , , ,	7 m 1											

GLCFAL CLIMATOLOGY BRANCH OF AFETAC AIA MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

Temp.						WE	LULB	TEMPE	RATURE	DEPRE	SSION (F)						TOTAL	1	TOTAL	
(F)	0	1.2	3 - 4	5 - 6	7.8					17 - 18			23 - 24	25 . 26	27 - 28	29 - 30	2 21		Dry Bulb		Dew Poir
4/ 73			 			1	111	117	1	1		1		1	1		1	2			
-7/71		1			. 4	. 1		.2	•			1	ł	1		İ	1	1 15			
1 69			•1	- 4			1 1 2			. 1		ļ		+	+	 	+	75	35		
44/ 67		:	. 2		1.1					1 7		Î.	ĺ	i	{	<u>{</u>	1	?6			
5/ 65				1.6						+		-	ļ	+	1		+	45	45	3	
4/ 53		. 5	1.2							1		1	l	İ	!		1	93	1		3
-7/61	• 2		1.1							+			!	 	+	+	+	61	+	40	11
(/ 59			1.3					2	1	i !			:	1	,		i	101		63	35
= 1 57	- 1		1.3							1		!		+			+	93		74	3 9
5 / 55	•		2.3						,	<u>'</u>		1		[1	}		76	. •	69	3.5
4/ 53	• 1		1.9					†		-					+	1	+	68		75	3.6
27 51	• 1		4.5					1						1	1		i	9.8		87	6.5
1 43	• 1		3.6					+		-					1		+	84	84	99	60
/ 47			1.4			*		1		1 1				Ì	1		1	33	33.	107	5
4 / 45	. 4		. 4					1	+			1			1		•	13		95	111
4/ 43		• 2				į	:	}	į			:	,	1	İ		ì	7	7	5.2	6.
2/ 41		. 4	.6		:	1		1						1	1		+	9	8	36	12
1 75						i	i		ļ				:	į.	i	,	1			10	6
-/ 37			•			•	:	1	1	1		-		1	1		+	+	·	3	2 (
7./ 35	i)	l	1 1		<i>,</i> 		ł	į.	;	1	i L			31
-/ 33							+	1				!		1	+		1	+		-	1
2/ 31	'						i	1	i	1				ı	1		į.	į.	. 1		2
6.1 50							+	1	1						1						
21 27	ì						i	1	1	1 1			i	1	}					!	:
TEL	1.2	7.7	21.5	37.2	24.5	7.7	3.4	1.7	. 1	• 1							1	†	933		83
	Ì					1	1	i	1	1 1				i	[i	}	833	i i	833	
			1				1	1		1		1		1		1		1			
{	i		; . ;	:		1	į	ì	j						1	İ	i	į	1		
	-						1	1							i				i		
į						1	1	1							1	i		1	i !		
1			,				1	1									1				
i				i 1		i	1	İ		1}						L	<u> </u>	1	L :		
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i	1						ــــــــــــــــــــــــــــــــــــــ			<u> </u>					ــــــــــــــــــــــــــــــــــــــ	L	1	1	ii		
lement (X)		Σ¥,			ž _X		X			No. Ob					Meen	No. of t	lours wit	h Tempere	ture		
lel. Hum.			4755		557			112.4			33	10	•	1 32 F	* 67		= 73 F	= 80 F	► 93 f	1	otal
ry Bulb			7855		477			6.5			33				R	• 2	• 2				9
For Bulb			2291		429			5.9			33					\Box		i			9 :
lew Paint		183	5334		382	98	46.5	7.3	17	8	33		T	3.3]		T	9:

USAFETAC NOW 0-26-5 (OLA) MINISTENTIONS OF THIS YORK AND OBSOLUTE

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATT AEATHER SERVICE/MAC

F15.25	<u> </u>	RASO	ZAA		TATION N					73-	8!									ST
STATION				•	121108 8	IAME								,,	EARS		PAS	Ε 1		L L
						-	0111.0	TEMPER	A 7110 E	DERA		<u> </u>					T-4-11			
Temp. (F)	0	1 . 2	3 - 4	5 - 6	7 - 8								23 - 24	25 . 26	27 - 28 29	. 30 + 31	TOTAL D.B./W.B.	Dry Bulb	Wet Bulb	
/ 89					-	1	+	10 - 10	1	1					101-1		+3	3		
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1 ° 7 81	÷		l .		1	F I	1		• 3	. 3	- 1	• -	. 1	!			5.5	5.5		
/ 79			1			1		• .	. 4	• 1	• 0	• .					47	47	~	
7:/_77			1		, • ~	1	• 3	• 3	• 3		• 1	•c					, en	97		
F/ 75				•	. • !	• 2	• 5	• 5	• 7	. 1	• 0						93	93		
74/ 73				1	. 1	3	7		• ?	1				i :	i (118	118		
71				• 1	• 3		• 7	• 3	• ?	.0		,					131	131		
7 69			•-	• 2		1.1	• 6	L					·		<u> </u>		245	245		
< / 67			• ?	• 3		1.0		. 7	• 2				1		!		286	?85	71	
16/ 65	·	• 1		1.		9	• 8			1	ļ				· 	i	346	347	99	
4/ 50	•					1.5		- 5	• 1	1					i :		645	545	247	
(0/ 51					1.1		• 2		• 1	•		<u> </u>			<u> </u>		466	465	376	
/ =9						2.5		• 5				i '				•	743	743	447	2
-/ 57				4	2.				<u> </u>	·					· :		536	536	575	
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14/ 53	• 1				1.1					<u> </u>					!		492	492	652	4
-2/ 51	• 3		2.8							į						i i	510		7:7	E
- / 49	- 2		3.6			<u> </u>		i		<u> </u>							491	491	7^5	5
4 / 47	•		2.2		•		1	!		ļ			1		:	į.	313	313	756	4
6 / 45	• • •	1.5		. 8		· 		-		-							251	253		7
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TATEL	7.6	3.5	22.7	27.8	14.6	10.0	7.6	5.1	2.4	• 8	• 3	!	•1	• 7		+	6623	5627	6623	66
Element (X)		Z x'			Z x	لسها	¥			No. Ob					Man Me	f Haura wid	1		2023	
Rel. Hum.		3052	2431		4366	39		16.2	79	55		201	, ,	32 F	* 67 F	= 73 F	- 80 F	• 93 1	, ,	Teral
Dry Bulb		23.2	2323		3×65			8.4	- 1	55			- -	'	119.7	45.4			-+'	7
Wer Bulb		1812	1873		3437	67	51.9	5.4	87	66	23		+-		2.5		 	+		7
Dew Point		1444	5141		3053	1		7.4		56			-	23.3			 	+		-

GEORAL CLIMATOLOGY BRANCH JERETAC ATT SERVICE/MAC

PSYCHROMETRIC SUMMARY

LERASOZA AB SP STATION NAME STATION PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 Wet Bulb Dew Por 4 1 67 1 1 59 .9 .1 1.5 1.4 1.7 1.8 2 h 57 *8 4/ 57 1/ 51 .3 1.8 2.4 1.9 57 . 1 1.5, 4.4 1.8, 3.5, 7.1 1.6 19 56 102 39 / 47 *1 3.9 3.4 1.6 7.0 3.5 7.1 4 / 45 106 106 ĉ5 . 3 3 4 3 6 2 5 .5 3.8 2.9 2.4 .6 3.3 3.7 1.5 92 41 84 123 .5 2.1 1.3 • 0 37 41 .4 2.7 1.7 32 / 35 32 .6 1.3 18 18 46 54 19 134.836.318.1 4.4 709 Element (X) No. Obs. 76.913.010 4549114 61372 799 # 67 F # 73 F # 80 F # 93 F Rel. Hum. ≤ 32 F 1.7 45.5 6.223 36440 801 1688746 0 Dry Bulb 1454786 42.2 5.974 38.3 7.313 33750 799 9 C Wet Bulb 30602 799 90

0-26-5 (OL A)

JSAFETAC NOW 0-26-5 (OLA) WYSKO REMOUS BRIDGE OF THIS YORK AND OKCUSTED

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USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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(F)	0	1 . 2		5 - 6		9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.B./W.B.		Wet Bulb	Dew Point
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12/ 51	• £	1.4	4.3	1.6	• 1	• 1				-				i	<u> </u>	<u>i</u>		53		23	52
E / 40			4.7				i					1	ĺ	{	1			60	6.7	33	
4-/ 47			3.7				!	ii		<u>1 i</u>			<u> </u>			L	i	8.0	80	98	24
4 / 45	!		3.4									1		1				119		94	93
44/ 43			2.9		• 1		i	1 . 1				L :		Ĺ	<u> </u>	l	i	65	65	94	57
42/ 41			4.3			. 4				, —				1	i			108	110	79	113
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3 / 37	1.	2.4	1.5	• 5			-	1										45	45	27	66
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34/ 33	• 3	1.4	1.8	. 4				1		1		,						30	30	47	
72/ 31	.8	1.5	.9	1				1		ĺ				1	1	:		21	21	37	5.2
7 / 20	7.1	- 3								+				+	 			11	11	36	41
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Element (X)		ZX'			2 %	\top	X	· ·		He. Ob					Mean I	No. of H	wra wid	h Tempers	tura		
Rei. Hum.			3618		626			12.9			94	10	•	± 32 F	= 67		73 F	- 80 F	• 93 1		Total
Dry Bulb		156	6217		349	67	43.9	6.5	50	7	97			4.4		\neg		 	1		90
Wet Bulb		136	5267		325	66	41.0	6.1	06	7	94			9.5	1			1	1		93
Dew Point		115	J163		297	15	37.4	7.3	72	7	94			24.4	 				+		90
											_				_						

GLEFAL CLIMATCLOSY BRANCH USSECTAC AL- AFATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	. <u> </u>	RASO	24 A		ATION NA	haf .			73.	- 8 !			YE	ARS					N S	7 V
3141101				•	A.108 N	·ME											DAG	F 1	CST.	- 7 B O 1
Temp.						WETE	ULB T	EMPERATU	RE DEPR	ESSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10 1	1 - 12	13 - 14 15 -	16 17 - 10	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 29	9 - 30	• 31 E	D.8./W.8.	Dry Bulb	Wet Bulb	Dew Po
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/ 55		۽ و		. 4	• 4					<u> </u>		!					17	10	2	
4/ 53		2.5		1.	• 5			• 4	i	į				i			41		2 3	
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/ 47		5.7 7.3			٠					+			<u> </u>		-		- 2	72	95	1
4/ 43	-	4.1			. 6	i				1						1	79	79 79	9 9	د 5
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/ 35		2.4		•									1				2.8	28	6.5	5
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y Bulb			3491		342			6.635		798		-+-	6.4		+			+		9
of Bulb			6309		320			6.321		796			11.2		+			1		9
w Paint			3348		294			7.520		796			25.9			-		+		9

1 USAFETAC FORM 0.26-5 (OL.A) REVISIO METORIS EDITIONS OF THIS FORM AND EDISOLETE

USAFETAC ALO WEATHER SERVICE/MAC AFASOZA AB SP

STATION			5	TATION NAM	WE							YEARS				MONTH	
														PAG	F. 1	T9 CC-	
Temp.							TEMPERAT							TOTAL	1	TOTAL	
(F)	0	1 - 2 3 - 4	5 - 6	7 - 8	9 - 10 1	11 - 12	13 - 14 15	16 17 -	18 19 - 2	0 21 - 22	23 - 24 25 - 2	6 27 - 28 29	7 - 30 = 31	D.8./W.8.	Dry Bulb	Wet Bulb:	Dew Pa
4/ 57					• I				1	7			7	1	1		
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-/ 55		1. 1.	3 1.5	1.5	• 3		• ?							4.7	47	14	
4/ 52	• 3	• 9 1 • 9	9, 2.9	• •			•:			:	i			۲ 5	5.5	3.2	1
7 51	•	•5 3•	1 2.6	. R	• 1					+				5.7	5.7	27	
/ 4:	• 3	7.4 3.	6.2.3	• 8	• 1							1		2.3	8.3	51	
1 47	• 7	4.3 ?.	5 .9	1.5	• 1	• !								77	77	115	3
1 45	• 3)	E . 4 3 .	4 ? . 6	• 9	• i							•		100	100	9.5	11
4/ 42	. 4	2.1 3.	1.9	• • •					-		1			53	57	66	<u>-</u> -5
2/ 41	1.3	3.8 3.	4 2.4	1.	i							1		\$ 8	100	م ه	12
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ement (X)		2 X'		ZX		¥	7 ,	No.	Obs.			Mean No.	of Hours w	ith Tempere	ture		
I. Hum.		476399		65.43			15.171		798	1 0 F		+ 67 F	≥ 73 F	→ 80 F	• 93 F	. 1	Fersi
y Bulb		174243	•	3690	1 .	6.1	7.072		ಕರಣ		3.	1					9
et Bulb		147833	1	3378	- 1 -		6.261		798		5,1		T	T	1	1	<u> </u>
w Point		12193	Z:	3063	5 3	8.4	7.359		798		20.1	5		T			0

6-5 (OL.A) REVISED MEVICIUS EDITIONS OF THIS FORM ARE DISJOIL

SLIFAL CLIMATOLOGY SPANCH UINTETAC AT KEATHER SERVICEZMAC

STATION	ARAGOZA AB	STATION NAME				-6!			EARS				MOH	
3141134		3121101 HAME									D & G &	. 1	1275-	-14
Temp.					TURE DEF						TOTAL		TOTAL	
(F)	0 1 - 2 3 - 4 5	-6 7-8 9-1	0 11 - 12	13 - 14 1	5 - 16 17 -	18 19 - 2	0 21 - 22 23	- 24 25 - 26	27 - 28 29	- 30 = 31	D.6./W.8.	Dry Bulb	Wet Bulb	Dew I
1 50			• • 1								3	3		
5 / 57			4 . =	. 1		1	1				. 9	٤.		
٤/ 55		• * •	5 . 0	• ?							17	17		
4/ 63		.0 1.5 2.	9 1.7	•1	•1]	3					. 56	56		
3/ 61	.5	· ' '.1 1.	1 . 2		. 4		-		+		4.9	49		
/ 59		2.1 2.0 4.	^ .3	.8			1				9.8	9.8	r.	
/ 57	.3 .5 3				• 11		· · · · · · · · · · · · · · · · · · ·				61	81	_	
E' / ED		1.2 2.3 1.	8, .4	-							5.9	5 9	47	
4/ 52		2.4 2. 1.									72	77		
2/ 31		.6 7.1 1.	-						1		79	73	74	
7 4		1.3 2.9 1.		•		-+			·		£ 9	٤٩	110	
1 47	1.3 1.9 1								1		- 1	5.1	31	
L / 4			<u> </u>	 							5.3	5 7	9 = -	1
44/ 47		1.	. 1								. 25	9 J	72	1
7 41	1 1.5 .5		3	+							+ - ; 5	2 7	 -	1
9 / 7	•4 1.3	• 1	?								15	15	_	1
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7. / 35	.3 .3	•									, : 4	13	₹2 19	
7 / 73			·			 -			·			- -		
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Element (X)	ZX'	ZX	¥	**		Obs	ļ			,	h Temperat			
Rel. Hum.	3322358	49584		16.70		796	10F	s 32 F	≥ 67 F	⇒ 73 F	* 80 F	▶ 93 F	1	otal
Dry Bulb	23 0171	42335		7.37		796		. 3	1.2	 	 			
Wet Bulb	177.157	37234		5.98		796	<u> </u>	1.1	L			4		
Dew Point	1307796	31670	39.3	7.75	11	796	_	16.5		-	1	1	i	

GERRAL CLIMATCLOGY BRANCH USAFETAC ATP AFATHER SERVICE/MAC

42 EA ALOBARE SE 31 31 6

2.516 7 1=71544

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PSYCHROMETRIC SUMMARY

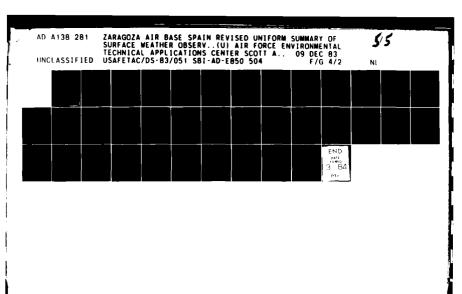
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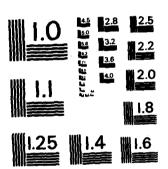
STATION			STATION NAM	AE					,	EARS				MON	TH
												PAGE	1	15 2-	
Temp.				WET BULB	TEMPER	ATURE	DEPRESSIO	N (F)				TOTAL	-	TOTAL	
(F)	0 1 -	2 3 - 4 , 5	-6 7-8 9	- 10 11 - 12	13 - 14	15 - 16	17 - 18 19 -	20 21 - 22	23 - 24 25 - 2	6 27 - 28 29	- 30 + 31	D.8.∕W.8.	Dry Bulb	Wer Builb !	Dew Por
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73-81

Dry Bulb

Dew Point





MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS ~1963 - A

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SECRAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC <u>415</u>35 ZARAGOZA AB SP 73-81 NOV MONTH STATION NAME 2170-2300 NOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL 0 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 59 .2 .3 1.7 .2 1.4 1.5 1.5 1.1 • 5 57 36 36 / 55 48 48 53 .6 2.5 3.1 57 57 6 2.6 4.9 2.5 .5 27 51 79 79 40 2.0 4.9 2.5 .5 2.3.1 4.5 3.6 1.5 3.2 5.0 3.7 1.2 2.1 2.1 2.2 .9 4-/ 47 106 45 137 171 103 106 92 4/ 43 59 59 57 3.1 2.7 3. 1 1.2 12/ 41 97 89 22 113 4"/ 79 ·4 3.7 1.1 1.2 £ 2 52 70 86 •6 •6 •7 1•5 •1 1•5, •7 •1 30 78 77 3// 35 23 46 61 33 53 . 5 7/ 31 1.4 27 51 36 1 27 24 29 25 7-/ 23 21 71 1 / 15 17 / 15 2 13 1 / 11 STAL 4.224.133.126.6 9.2 2.2 No. Obs. 73.113.769 4448738 38774 Rel. Hum. # 32 F ≥ 67 F × 73 F 13"8459 37865 46.9 5.282 807 1.7 Dry Bulb 1513984 34572 43.7 5.840 4.3 804 1223849 30811 **B** D = 90

AC FORM 0-26-5 (OLA) service remous community out and outcomers

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PSYCHROMETRIC SUMMARY

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Dow Point									\neg		$\overline{}$				$\neg o$		1	1	1	

GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AT- WEATHER SEPVICE/MAC DF1505 LARASOZA AB SP NOV 73-81 STATION NAME PAGE 2 ALL WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 5 - 7 2 - 9 2 5 - 4 18 - 9 2 2 - 1 7 - 3 2 - 9 1 - 7 - 4 - 1 - 0 D.S./W.S. Dry Bulb Wet Bulb Dew Point 6365 6386 2x' 3432:816 2x 455722 71.416.787 No. 06s. 6386 Element (X) 1 32 F = 67 F = 73 F = 80 F Rel. Hum. 10F 48.1 8.390 43.6 6.595 720 720 18.4 152435 378046 6401 Dry Bulb 39.0 12439131 278681 6386 Wer Buib 245524 38.5 7.645 6386 720

0-26-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFLTAC ATP MEATHER SERVICE/MAC LARAGOZA AB SP 16..5 DEC WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 e31 D.B./W.B. Dry Bulb Wer Bulb Dew Poin / 67 5/ 65 4/ 67 • 2 • 5 6 / 41 59 • A • 1 13 10 51 / 55 18 18 4/ 53 26 26 72 35 35 6 1 45 70 73 3.1 2.7 25 / 45 3.6, 2.7 89 89 91 1.4/ 43 1.6 4.7 3.0 87 89 427 41 1.1 5.8 4.2 1.3 104 73 .4 3.5 2.4 3.5 9 1 67 86 471 3.7 3.3 53 97 61 61 3-/ 33 58 31 28 69 27 16 16 12 38 11 11 24/ 23 •1 17 2/ 21 1 -14/ 17 1 / 11 17.435.728.815.5 5.6 2.3 1.6 826 826 Element (X) No. Obs. Mean No. of Hours with Tomperature 5:95646 Rel. Hum. 826 s 32 F Ory Bulb 1606634 35940 43.3 7.796 830 6.6 40.2 6.628 36.2 7.224 1367946 33166 13.6 826 93 Wet Bulb 29868 28.3 93 1123078 826

(OL A) 0.26.5

USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 21505 ZARAGOZA AB SP DEC STATION NAME STATION WET BULB TEMPERATURE DEPRESSION (F) Temp. (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 5/ 55 Š •1 61 10 10 / 59 .1 1. 10 1 57 6 / 55 . 5 19 19 13 1/ 51 . 9 .6 19 19 .7 2.2 2.6 51 51 4 / 47 .4 3.2 2.2 1.5 62 52 38 7 45 1.8 4.1 3.9 1.6 104 170 104 59 14/ 42 1.1 3.2 2.7 1.7 74 1.1 6.9 4.1 1.5 42/ 41 115 117 92 82 / 30 .9 4.5 2.2 63 63 78 1.5 1.1 1.5 43 94 31 / 35 .1 4.6 2.1 62 62 46 86 / 33 1.6 3.2 2.6 76 61 61 63 78/ 31 1.1 2.6 1.7 41 61 2.2 27 27 42 65 1 27 .1 2.3 23 23 61 2c/ 25 2+/ 23 •1 . 4 2 35 14 6 1-/ 15 13 0.26-5 (OL CTAL 1-.739.726.814.9 6.2 1.6 **P22** 872 2x' 5164624 Element (X) No. Obs. Meen No. of Hours with Temperature 78.014.236 322 Rel. Hum. 10 F 1 32 F • 93 F 1573171 34579 11.2 42.0 7.954 824 93 Dry Bulb 1289553 32:75 39.0 6.800 822 18.5 28888 35.1 7.247

GLOBAL CLIMATOLOGY BRANCH

USAFETAC FORM 0-26-5 (OLA) REVISO REPOST SERIONS OF THIS FORM ARE DISCO

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PSYCHROMETRIC SUMMARY

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USAFETAC NOME 0-26-5 (OLA) REVISE RETIONS ENTITIONS OF THIS TOMA ARE ONDO

GL09AL CLIMATOLOGY BRANCH USAFETAC Al? WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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DEW FOIRT			2300																<u></u>		

GLORAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR REATHER SERVICE/MAC C-1605 STATION CARAGOZA AB SP 73-81 STATION NAME PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point . / 7: t/ 45 4/ 53 77 61 .4 1.1 20 20 1 59 23 5.7 .7 1.9 1.8 45 • 5 .8 2.7 2.4 52 5.3 :/ 51 .7 2.5 1.6 3.9 78 1 45 1.5 2.9 2.2 2.9 87 37 51 13 / 47 2.3 1.6 1.1 68 1.2 3.9 2.5 2.7 1.1 99 123 78 • 6 :4/ 43 .1 1.9 1.3 2.5 1. 58 3.3 1.5 2.2 -2/ 41 106 4 / 30 .2 1.3 1.5 1.1 67 78 3 / 37 •7 1.6 24 24 48 70 1.2 57 94 34/ 33 1.9 1.0 53 27: 73 71/ 31 17 23 • 1 53 1 27 38 21/ 25 25 17 2/ 21 21 17 1-/ 15 1 / 11 1 TOTAL °-119-618-318-320-212-3 3-0 Element (X) Maan No. of Hours with Temperature 4123562 68.417.731 ≥ 67 F Rel. Hum. 1 32 F € 73 F 10 # 1948288 39616 47.8 7.994 828 2.9 Dry Bulb 1551838 35452 42.9 6.231 5.1 827 Wat Bulb 93 1175486 30610 37.0 7.174 93

0-26-5 (OL. A) REMNO MEMOUS EDITIONS OF THIS FORM ARE

SAFETAC FORM 0.24-5 (O) A) BETTED

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

																				HOURS (L. S. T.I
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USAFETAC now 0.26-5 (OLA) senso minos tomos or his now

USAFETAC

34.2

SECRAL CETHATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** JEAFLTAC ATT AFATHER SERVICE/MAC CAPACOZA AB SP STATION NAME PAGE 2
 WET BULB TEMPERATURE DEPRESSION (F)
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 TOTAL

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 D.B./W.B.
 Dry Bulb
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 Down Point
 5.314.816.917.424.314.1 6.0 1.0 .1 929 8 õ 0.26.5 53323 53323 Element (X) No. Obs. 3696795 ± 32 F Rel. Hum. 827 267 F = 73 F = 80 F = 93 F 10F 2:99376 41222 828 1.0 Dry Bulb 153172 36404 2.0 827 Wet Bulb Dew Peint 1196580 30834 827 93

GLOBAL CLIMATOLOGY BRANCH UTAFETAC ATR #EATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY**

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USAFETAC FORM 0-26-5 (OL.A) WINTERPRINGUS TERRORS

USAFETAC FORM 0.26-5 (OLA)

GLIPAL CLIMATOLOGY BRANCH LIMFLIAC ATT AFATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

PAGE 1

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GLCRAL CLIMATOLOGY BRANCH USAFETAC AIS REATHER SERVICE/MAC

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27 41			3.8		i				+	+-			-	\rightarrow			+	+	819		,	
4 7 7 2		2.0		. 6		,	,	,		!		i	- 1					İ	395			
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7 25	• ?	•1		• -				-				į	;	-			!		25			
31/ 23	• 2	• 1					·	<u>i. </u>	┺.				Ĺ				┷		1 :	1 !		+
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1 71		1						-	1	}					ļ	ı				1		3
Element (X)		2 X'			E K	\neg	X	•	. 1	No.	Obs.	7				Mean	No. of	Hours wi	th Temper	91vre		
Ral. Hum.												1	0 F	2.3	2 F	* 6	7 F	• 73 F	- 80 F	- 93	F	Total
Dry Bulb						_						1		T								
Wet Bulb								1				_		\vdash			_		 			
Dew Paint				———				+				+		+					+			

SLIPAL CLIMATOLOGY BRANCH USAFETAC ATO REATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** LERASOZA AB SP STATION NAME PASE 2 WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poir WET BULB TEMPERATURE DEPRESSION (F) (F) 66.9 5609 l 0.26-5 (OL A) 12 2 x 489482 Element (X) 74.116.399 No. Obs. Rei. Hum. 6609 ≥ 67 F ≥ 73 F 1 32 F 5 0 F - 93 F 44.6 8.277 40.8 6.725 56.4 96.0 136 0398 295136 6621 1.9 744 Dry Sulb 6609 269646 11300346 Wet Bulb 744 8977011 6609 238739 744

GLIBAL CLIMATOLOGY BRANCH USAFETAC ALE REATHER SERVICE/MAC

ZAPAGOZA AB SP

STATION NAME

PSYCHROMETRIC SUMMARY

HOURS (L. 5, T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. (F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 D.B./W.B. Dry Bulb Wet Bulb Dew Point 1/1 1103 2/101 172 102 7/ 99 97 CO 99 361 6/ OE 310 310 1 91 1 89 • 1 309 700 558 559 3/ 67 ... 6/ 85 685 892 896 - 0 / 33 1652 1553 91 1215 1720 1 79 2151 2163 .6 . 6 -6/ 75 1754 1762 1778 1782 1:3 47 727 71 • 3 . 5 2063 2772 2661 2668 1144 . 6 5-7 67 2888 2895 2033 3040 3053 2916 67 65 . 8 4736, 4748, 3771 1.5 1.3 1364 4/ 63 51 1.1 3272 3278 4221 1460 4777: 4800 4310 2938 1 59 .5 1.5 1.4 1.3 . 0 . 0 . 5 3426 3436 4686 57 . 4 1.1 3402 3409 4268 3421 3672 3611 4815 3556 5// 55 .9 1.2 1. 0 1.6 1.6 1.2 5.3 1.0 . 61 3943: 3958 4335 4324 27 51 1.1 4294 4303 4771 4493 3924 3936 5678 4632 4646 4665 5944 7725 4 / 47 1.2 1.6 1.2 4: .1 1.2 1.2 2907 2917 4895 4694 44/ 43 . 9 4247 4275 4437 7529 42/ 41 2152 2154 3910 5050 40/ 39 Mean No. of Hours with Temperature Rel. Hum. Dry Bulb

73-81

0.26-5

USAFETAC NOW 0.26-5 (OLA)

GETRAL CLIMATOLOGY RRANCH JENEETAC AIT LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	ZAPAGOZA A	STATION HAME							YEARS		PAGE	-	MOI A I	
													HOURS (L. S. T.
Temp.		W	ET BULB	TEMPERA	TURE D	EPRESSION	(F)				TOTAL		TOTAL	
(F)		5-6 7-8 9-			5 - 16 17	- 16 19 - 2	0 21 - 22	3 - 24 25 -	26 27 - 28 2	29 - 30 - 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
' / 37	.7 .7 .6			i	1						1416			
7. / 75	.1 .8 .5	•1 • •	· ·				<u> </u>						2254	
3 / 73	.4 .5 .4	• • • • •	^				100				1045	1745	1945	386
7 31	•2 •5 •2	<u>• • • • • • • • • • • • • • • • • • • </u>								<u> </u>	725		1392	335
7 / 75	•2 •3 •7	• • •							i		437		8 ? 8	242
<u>-/ 27</u>	• 2 • 1 • 2	. • . •					·				248	248		2-7
7 25	•1 •7,	• -									79	79	163	-126
/ 22	•1 •7		. +						_ii.		5.8	5.9	60	130
₹/ 21	• • • • • • • • • • • • • • • • • • • •								1		8	9	15	35
/ 1-		·	- +						+	+			. <u>8</u> .	
/ 17			i					1						11
1 / 15	··· + ··	· · · · · · · · · · · · · · · · · · ·			-	+					+			3
· ·/ 13	,		:		i	1								3
1 / 11									.	4				1
1 2				1	+	·				•				
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TAL	2.615.118.6	17.513.917.	n 6. P	5.0	3.6	2.6 1.	6 1.1	.7.	5: • 7	.1, .1	<u> </u>	77535		7729
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	i i	1 1 .	:	1						i				
Element (X)	27,	EX	Ī	· **		e. Obs.			Meen No	. of Hours wi	sh Temperat	vre		
tel. Hum.	336598286	4970588	63.4	18.30	9	77299	2 0 F	2 32 F		• 73 F	≥ 80 F	• 93 (Total
Dry Bulb	271747694	4459230	57.5	14.04		77535	T			61377.5	643.	82	. 2	876
Wer Bulb	203133911	3893979	50.2	10.15		77299		321.	6 432.	3 17.9	7	1	\neg	876
Dew Point	155821445	3383409	43.5	9.98	6	77299	1.	11259.	7 11.	6	†	1	$\overline{}$	876

GLOGAL CLIMATOLOGY BRANCH USAFETAC AIP MEATHER SEPVICEMAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY DESERVATIONS

01635 ZARAGOZA AB SP 7

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP	oct	NOV	DEC	ANNUAL
	MEAN	41.3	44.0	46.8	49.5				-		55.0		43.3	54.7
0+32	S D	0.435	6.161	6.551	5.534	5.776	6.020	6.179	5.438	5.738		6.223		14.681
	TOTAL OBS	812	739	809	786	814	772	810	830	798	827	8 ¹	830	9628
	. MEAN	79.8	42.1	44.6	46.9	53.3	60.2	65.5	65.8	61.0	52.8	43.9	42.3	51.5
7- 75	S.D	6.558	6.387	6.464	5.327	4.959	5.454	5.255	4.826	5.543	6.152	6.350	7.954	10.944
	TOTAL OBS	319	743	80 3 ,	777	9^4	773	795	823	801	€24	797	824	9580
	. MEAN	15.8	41.0	43.1	46.3	53.5	67.5	64.3	64.6	59.6	51.7	42.9	41.5	50.6
6-12	S D	6.743	6.439	6.775	5.359	5.218	5.396	4.605	4.578	5.625	6.236	6.635	8.756	11.067
	TOTAL OBS	824	750	827	797	819	789		829	693	826	798	826	9774
	. MEAN	4 .6	44.0	48.2	52.4	65.4	67.5	71.3	71.3	65.6	56.6	46.1	42.6	55.6
-11	-	7.282	6.257	6.607	5.673	5.953	6.355	5.443	5.454	5.844	6.588	772	8.113	12.731
	TOTAL OBS	833	1	818	800	825	792		830	799	832	£ 30	838	9727
	MEAN	46.6	57.0	55.5	58.9	66.8	74.7	79.4	79.6	73.8	64.T	53.2	47.8	62.6
17-14	- ,	7.549	5.545	6 . 826	6.441	6.964	7.569	6.729	6.367	6.411	6.700	7.376	7.994	13.558
	TOTAL OBS	834	756	827		320	791				825	796	828	9717
	MEAN	49.2	53.9	58.9	61.8	70.1	78.9	54.8	34.8	78.2	67.1	56.0	49.8	66.7
15-17	5. D.	7.072	5.782	7.573	7.272	8.265	8.598	8.155	7.370	7.541	7.572	7.647	7.55û	14.698
	TOTAL OBS	527	751	829	795	823	796	816	877	892	828	920	878	9722
	MEAN .	45.2	49.8	55.3	58.5	67.3	76.3	82.9	82.0	74.5	62.1	57.5	46.0"	62.6
- 2	5. D	6.471	6.056	7.657	7.321	8.763	9.046	9.314	8.572	8.263	7.669	6.959	7.185	15.479
	TOTAL OBS	627	754	824	801	818	793	818	831	799	832	802	626	9725
	MEAN	42.6	45.6	49.4	52.2	67.3	68.4	74.2	73.7	67.6	57.3	46.9	44.I*	56.9
1-23	S. D.	6.189	5.974	6.640	5.822	6.879	7.346	7.789	6.713	6.698	6.542	6.282	7.485	13.096
	TOTAL OBS	523	753	823	803	816	784	619	832	an3	833	837	631	9732
, ,	MEAN	43.	46.4	53.2	53.3	61.0	68.6	73.9	73.9	68.1	58.3	48.1	44.6	57.5
Att	S.D	7.638	7.432	8.726	8.185	9.053	9.783	10.045	9.459	9.129	8.497	8.090	8.277	14.041
HOURS	TOTAL OBS	6634	6001	6560	6360	6539	6287	6504	6625	6406	6627	6491	6621	77535

USAF ETAC FORM 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

STATION

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOUPLY DESERVATIONS

16 16 35 LARAGOZA AB SP 73-81 STATION NAME

IRS LST		JAN.	FEB.	MAR.	APR	MAY	JUN.	JUL	AUG.	SEP.	ОСТ	NOV	DEC	ANNUAL
	MEAN	38.6	47.5	42.5	44.8	50.7	56.5	59.9	61.2	57.8	50.3	42.2	40.2	48.6
5-12	5 D.	5.636	5.772	5.858	5.324	4.824	4.468	4.463	4.340	5.725	5.911	5.974	6.678	9.698
,	TOTAL OBS	<u> 503</u>	739	808	785	805	770	810	628	796	827	799	876	9596
	MEAN	37.3	39.1	41.0	43.1	48.8	54.6	58.2	59.6	56.1	49.0	41.0	39.5	47.3
13-35	5. D	5.756	5.922	5.934	5.259	4.640	4.386	4.353	4.219	5.789	6.049	6.106	6.800	9.584
	TOTAL OBS	5 1 2	743	803	776	796	767	795	821	799	821	794	8.55	9549
	MEAN	35.5	38.2	39.9	42.8	49.0	55.0	57.9	59.1	55.4	48.4	40.3	38.4	46.9
e = 28	S D	5.930	5.932	6.167	5.331	4.747	4.390	4.143	4.215	5.736	6.194	6.321	6.951	9.808
	TOTAL OBS	816	750	827	797	810	787	816	876	801	826	796	824	9676
	. MEAN	37.7	40.3	43.3	46.5	52.7	58.3	61.2	62.4	58.8	51.5	42.6	39.4	49.6
9-11	5 D	6.032	5.568	5.793	5.161	4.551	4.331	4.236	4.210	5.573	6.246	6.261	6.742	10.240
	TOTAL OBS	324	755	818	8 70	818	790	814	828	797	832	798	828	9702
	MEAN T	41.7	44.5	47.1	49.5	55.2	60.9	63.9	65.2	62.1	55.0	46.8	42.9	52.9
12-14	S. D.	5.670	4.946						4.016		5.662	5.985	6.231	9.731
	TOTAL OBS	823.		824			,					796	827.	9684
	MEAN	43.3	45.9	48.4	5C.4	56.3	61.9	65.0	66.2	63.0	55.8	48.1	44.	54.1
16-17	5. D	5.281	5 - 755	5.684			4.311	4.173	4.000	5.473	5.825	6.344	5.950	9.608
	TOTAL OBS									801	828	798	827	9696
	MEAN "	41.0	43.8	46.8	48.9	55.1	61.0	64.4	65.2	61.8	53.7	45.1	41.9	52.4
· -2 ·	S D	5.377	5.438	6.734	5.376		,	4.433	4.284	5.833	6.095	6 77	6.741	19.182
	TOTAL OBS	523					791	816	_		-	-	826	9699
•	MEAN	39.5	41.5	43.9	46.1	52.6	58.5	61.7	62.5	59.0	51.4	43.0	42.7	50.1
1-23	S. D.	5.369		1	(- 1	- 1	4.339			5.840	6.337	9.917
	TOTAL 085							- 1		-		-	829	9691
A11	MEAN	39.5	91.7	94.1	46.5	52.5	58.4	61.5	62.7	59.3	51.9	93.6	40.8	50.2
ALL	S.D.	5.060		,	5.913				4.893				6.725	
HOURS	TOTAL OBS	6543		6551	-	- 1		1				- 1	6679	77299

USAF ETAC FORM 0-89-5 (OL A) GLCPAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

191635 ZAPACOZA AB SP 73-81

STATION			STA	TION NAME						YEARS				
HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	oct	NOV.	DEC	ANNUAL
	MEAN	35.	36 • D	37.4	39.4	45.5			55.7	52.8	45.9		36.5	43.5
20-2	S. D	6.178	6.785	6.927		6.056		5.610	5.531	7.466	7.104		7.224	9.920
	TOTAL OBS	803	739	808	785	805	770	810	828	796	827	799	876_	9596
	MEAN	34	35.1	36.5	38.6	44.5	49.8	52.9	55.0	52.1	45.2	37.4	35.1"	43.1
77-35	S D	6.242	6.696	6.851	6.689	5.962	5.287	5.354	5.312	7.272	7.214	7.372	7.247	9.956
	TOTAL OBS	612	743	803	776	796	767	795	821	799	821	794	872	954
	MEAN .	33.5	34.5	35.9	38.7	44.6	50.5	53.1	55.1	52.0	45.1	37.0	34.8"	42.
6-08	-		,							6.955			7.314	10.14
	TOTAL OBS	816		827	797			816		801	826	796	824	967
	MEAN	77.3	35.7	37.5	40.0	45.7	51.3	54.2	56.5	53.7	46.8	38.4	35.4	44.
**-11			6.469				5.376			6.938	-			16.23
1		824		818	801	818	790	814	828			798	828.	970
	TOTAL OBS	924	/ 33	010	ט פ	010	170	014	020		634	170		719.
	MEAN	35.0	37.1	37.9	39.7	45.2	53.9	53.7	56.1	53.9	47.2	39.B	37.0	44.
12-14	S.D.	6.071	7.209	7.507	7.657	6.186	5.919	5.553	5.483	7.337	7.717	7.751	7.174	9.97
	TOTAL OBS	823	755	824	800	810	793	814	821	873	824	796	827	968
	MEAN	36.4	36.7	37.1	38.7	44.6	49.8	52.2	54.7	52.6	46.3	39.7	37.3	43.4
15-17			7.939			6.397		5.631	5.648		7.813		_	9.82
	TOTAL OBS	824	749	828	794	812	795	816	824	801	828	798	827	969
- •	MEAN	35.9	36.7	37.4	38.9	44.7	50.0	52.3	54.5	52.8	46.8	39.1	36.8"	43.
		5.322			7.913	{			5.964	,	7.642			9.88
- 2	TOTAL OBS	823	754	822	870	807	791	816	829	798		801	826	969
1	1													
	MEAN	35.4	36.2			45.6								43.
1-23	S. D.	6.013	1			6.189		5.803			7.317			9.85
	TOTAL OBS	818	753	821	802	803	784	819	830	801	833	å∏ \$	829	969
·	MEAN	35.1	36.0	37.2	39.2	45.1							36.1	43.
ALL HOURS	\$. D.	6 • 283	7.121	7.374	7.287	6.177	5.713	5.600	5.533	7.347	7.460	7.645	7.339	9.98
HOOKS	TOTAL OBS	6543	5998	6551	6354	6461	6274	6500	6637	6393	6623	6386	6679	77299

USAF ETAC FORM 0-89-5 (OL A)

-USTAL CLIMATCLCDY BRANCH Competed Competed Servict/Pac

RELATIVE HUMIDITY

LARALOZA AB SP

: ` -

JAN

STATION

TATION MAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	SE FREQUENC	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L.\$.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF OBS.
Utr;		110.7	100.r	187.7	177.67	ċ 8 • 3	91.5	71.7	45.4	27.5	7	193
	j = 15	1 7.7	176.5	165.7	59.9	98.6	92.9	75.6	54.1	27.0	a~.u	517
	.6-25	1.0.0	1 50.0	100.3	29.8	98.0	94.6	77.2	57.6	3".1	₹1•°	- ; 6
	1-11	1 7	100.0	50.0	99.5	97.3	68.1	67.5	48.0	27.2	79.5	474
	1~-14	1 7.0	100.0	99.5	97.4	96.1	62.2	45.1	27.	1:.2	68.€	425
	1-17	1 2.0	190.0	98.7	04.4	77.8	49.8	30.8	16.7	0.5	60.4	374
	15-20	130.0	107.5	99.5	98.5	92.8	73.3	49.5	29.3	17.5	71.3	£ 2 ₹
	11-23	1/6.5	100.0	101.1	19.8	98.7	89.9	61.7	41.7	19.2	76.8	a ! s
					 							
TO	TALS	1 0.0	196.0	99.7	98.7	93.6	80.2	59.8	43.5	20.7	76.0	4547

USAPETAC POMA 0-87-5 (OL A)

DE PAE CLIMATOLOGY BRANCH PYTETAC NY MEATHOR SE-VICEZMAC

RELATIVE HUMIDITY

1405

_1881024 AS SP

77-21

FEc

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF OBS.
- <u>-</u> -	0 - 00	117.7	177.0	167.7	155.0	38°	29.2	£9.7	71.3	5.9	• <u>:</u>	77.
	3-15	1 7.0	196.6	100.0	99.9	95.7	¢ _ ,	58.4	47.1	3.9	*6.0	74
	na	1.0.7	172.3	157.5	100.C	98.9	91.2	73.5	47.7	17.7	78.1	75.
	.0-11	100.0	170.0	100.3	79.6	76.6	P 2 • 1	56.4	31.8	1~.1	* 7,4	762
	11-14	1 5.5	177.0	99.3	12.6	72.2	44.4	25.4	11.3	7.3	61.5	751
	1 = -17	1.5.7	190.0	95.0	61.4	52.1	27.4	15.3	9.7	7.3	54.1	74
	1>-20	100.7	110.5	99.1	93.2	77.1	51.6	28.9	12.9	3.3	52.1	मृह्
	1-23	1.5.0	100.0	157.7.	39.6	95.2	79.2	47.4	72.4	4.8	7~• 0	767
TO	TALS	1 7.7	177.0	99.4	9: • 8	86.1	69.8	46.9	25.3	6.6	6= • 7	c 9 0 8

USAPETAC FORM 0-87-5 (OL A)

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RELATIVE HUMIDITY

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STATION

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENC	Y OF RELATIVE	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF OBS
- رس	17-73	1.0.0	170.0	99.2	79.4	94.7	8.03	51.0	22.4	٠,٦	73	۽ " ۽
	?-05	1.7.7	100.3	100.0	79.8	97.3	87.8	62.6	29.7	€.5	77.6	ددغ
	6-08	100.0	170.0	100.0	99.6	97.9	89.7	77.5	39.0	11.5	76.4	827
	. 5 - 11	110.7	105.6	100.0	78.5	80.9	65.7	41.6	17.6	4 .4	67.7	F 1 S
	17-14	1 3.7	100.0	93.1	82.0	54.4	27.9	12.6	3 • €		F7.3	674
	17-17	1 0.7	99.0	88.5	ნ°•3	30.6	13.8	5.7	2.9	• 4	46.	بر م
	- 23	15	99.9	95.4	75.3	53.2	25.4	13.5	4.5	• 5	12.9	6.00
	.1-23	100.0	100.6	99.6	97.8	84.7	62.9	33.5	11.7	7.3	64.3	, - ;
				 								
TO 1	TALS	1.0.0	39.9	97.7	87.5	75.5	57.3	36.4	16.4	4 • 0	63.2	4551

USAFETAC FORM 0-87-5 (OL A)

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RELATIVE HUMIDITY

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF OBS
APT.	-:	100.n	133.3	160.7	¢ફ,9	93.7	74.8	46."	13.0	f . 1	5.	73/
	3-25	1 -0 • 7	170.5	107.7	69.6	35.9	95.6	58.9	27.8	£ , h	77.4	77.
	35+95	1 7.7	115.0	100.0	19.9	98.6	F9.7	64.7	75.4	a • 5	75.5	707
	11	100.0	170.0	90.7	96.9	95.	57.9	32.1	15	2.4	F	
	114	107.3	29.6	94.6	76.6	43.6	19.5	9.8	3.7	•	£ 7	: -
	17-17	1.0.7	98.5	84.1	57.2	28.3	13.4	7.6	3.7	. 3	44.5	704
	15-21	1 0.7	9.1	91.4	7~.8	45.0	23.8	13.^	6.3	1.5	42.5	:
	.:-23	176.9	190.0	99.5	og.4	8~•2	53.7	27.7	11.2	~. ?	62.e	
				 								
TO	TALS	1 2.5	9.7	96.2	36.9	77.2	52.3	32.0	14.5	₹.4	61.7	£384

TE HAE CETMATCEGLY TRANCH . TITEC AL HEATHCH SERVICINAGE

RELATIVE HUMIDITY

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PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	-		PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OBS.
7 t V	7-52	100.0	170.5	90.0	99.3	92.0	70.7	42.5	19.5	5.0	60.7	: ^ :
	7-05	1.0.0	170.3	12000	29.0	55.5	85.6	52.2	76.0	7.2	77.	705
	/ + Da	110.7	102.3	188.5	99.9	97.3	R5.3	63.b	24.8	£ • 5	73.1	81
	_0-11	1.00.7	100.0	99.5	D4.9	78.5	41.1	21.5	7.8	2.1	5.7.	c t e
	17-14	17.0.0	09.9	92.7	67.9	36.7	14.1	6.7	2•	• 0	47.5	51
	1"-1"	1 5.0	97.9	79.8	45.8	20.7	10.5	7,4	2.5	. 9	42.3	- 1 -
	1 - 2	1-7.7	98.4	85.7	58+1	35.7	18.6	11.4	6 •	2.4	47.1	- 7
	1-23	100.0	79.9	59.4	91.5	72.7	94.3	26.9	13.7	3.7	f".c	ء م ء
TO	TALS	1 0.0	79.5	94.5	€2.2	66.1	46.4	30.3	12.9	3.6	59.0	1 H F

USAPETAC POIM 0-87-5 (OL A)

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RELATIVE HUMIDITY

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PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	·					MEAN	TOTAL NO OF				
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	OBS.
J.X	0-07	1 0.0	1170.0	99.7	96.9	84.0	54.9	31.4	13.~	4 . 8	34.1	77
	33-05	1 ~.~	1 '0.0	100.0	93.7	95.0	75.4	44.2	16.9	7.5	69.0	75
	· ; -^3	1.0.0	178.0	107.0	99.7	97.3	79.3	47.	18.3	5.5		797
	.7-11	1.5.6	100.0	49.7	93.3	63.0	33.9	15.3	6.6	2.4	57.5	791
	10-14	1 :	29.6	89.1	55.7	25.2	12.5	5.6	3.7	1.3	45.2	70
	15-17	1 7.7	94.3	69.8	32.3	15.2	9.1	4.3	3•*	. 9	30.5	797
	10-25	100.7	96.0	76.5	44.1	22.4	13.7	17.7	5 • 6	1.5	42.7	701
	1-23	100.7	79.0	97.7	84.7	59.7	3~.6	18.	9.1	4.2	55.6	7 9 4
10	TALS	1 7.7	c9.9	91.6	76.1	58.5	38.7	22.2	9.8	7.6	55.5	5274

USAPETAC FORM 0-87-5 (OL A)

DE TAL DETMATQLOTY BRANCH UPSTAC AT ASSITHSA SERVICEZMAC

RELATIVE HUMIDITY

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STATION

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO OF OBS.
J L	2 ~ 0.2	1,10.7	09.9	90.0	93.3	75.7	44.6	15.=	5.7	• . 7	re.t	51
	7-15	100.7	1 ~~.	100.5	73.5	01.0	71.1	35.2	7 • 2	1,0	6E.5	735
	(~C3	1.5.5	100.u	100.5	29.4	97.7	74.6	38.5	S • 5	1 , 1	67.6	6.1 1
	0-11	150.9	1 0.2	54.5	95.	66.8	25.6	7.1	1.4	•		c ¶ 4
	17-10	1.5.5	69.3	8 0.4	F3.7	13.9	4.2	1.2	• €		47.	. 1 4
	15-17	1.0.0	94.5	67.3	10.1	5.7	2.9	, c	• 11			132
	1 -2	19.9	93.5	61.5	32.3	14.7	5.9	3.2	1.1	• ?	77.1	àl s
	:1-23	110.0	99.0	93.2	7′.9	43.5	19.7	7.4	4.7	1.5	u * • *	: 1 3
τo	TALS	120.2	79.3	87.9	70.3	51.7	31.5	13.2	3.6	, p	51.7	r. t

USAPETAC FORM 0-87-5 (OL A)

LETTAL CLIMATOLOGY BRANCH USAFOTAD A FATHER SERVICEZMAC

RELATIVE HUMIDITY

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STATION

STATION NAME

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
HTHOM	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90°	RELATIVE	NO OF OBS
	0-02	110.0	100.1	99.8	97.5	85.0	58.7	25.9	6.7	; • °	63.3	, -
	±ng.	1 7.7	100.0	100.7	~ O . 4	95.4	76.7	45.9	15.	^•2	K.c. 5	5 7 5
	t - To	1.3.7	100.3	196.7	177.7	99.4	96.7	55.7	19.1	2.3	71.	1.7 (
	7-11	1 7.3	100.0	100.0	77.9	52.5	45.6	16.9	4.2	• 3	7.1 • 2	. 7.
	17-14	107.0	99.6	97.3	55.6	25.5	7.7	2.4	1.2		45.	; ~ :
	117	170.0	0 " • 1	77.5	70.2	F • 1	3.2	1.2	. 4	. 1	77.	
	10-5	1 7.7	37.	76.2	43.7	19.1	7.3	4.7	1.1	. 4	1 ~	- 1
	. 1-23	1 ~.~	177.7	97.7	07.1	56.5	27.	11.3	3.5	•5	* 7 • t	. 7
					 							
					-							
101	ALS	1.0.0	29.2	97,5	77.3	57.1	39.5	27.3	6.7	• 8	1	٠ ,٠ ٠

USAPETAC POM 1 0-87-5 (OL A)

RELATIVE HUMIDITY

TO BOOK DIPPACOLA AS SP

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF OBS.
. :	, ~~~	1	1 1/4	90.5	ମଞ୍ଚ୍ଚ	92.0	72.3	42.2	15.5		5.05	
	11-35	in.	173.0	1.7.	၈၀.5	97.0	e2.	51.	28.1	F • 5	,,	7 a
	^3	1.00.0	1110.0	100.0	14.5	c9.3	9 • 3	75.7	77•₹	11.5	-1.7	:
	-11	1 7.0	170.6	180.3	29.2	91.	65.7	37.3	12.2	·• "	٠٤.	797
	1 1-34	1 1.0	29.3	90.:	F4."	44.0	17.5	5.3	2.3	1.0	- 7.	
	1 -17	115.	9.8.5	88.5	45.3	16.	7.5	4	2.5	• *	41.	- 7 {
		1.0.7	23.6	97.0	65.9	35.0	15.7	7.4	4.5	۰ د	40.	709
	.1-23	1 ^.^	176.3	96.0	54.5	7~•7	4: 4	19.7	5.7	1.2	F0.0	, T.
101	TALS	1.7.5	79.5	97.5	86.2	50.4	49.7	31.0	13.7	3.9	د ، ،	, ge ₹

CLICAL CLIMATOLOGY BRANCH U COSTAG AT COSTAGR SERVIC:/MAC

RELATIVE HUMIDITY

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LIPASOLA AS SP

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STATION

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS		MEAN RELATIVE	TOTAL NO OF								
MONTH	(L.\$.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90°€	HUMIDITY	OBS
* *	, , - : :	1	117.	10.	79.5	37.5	02.2	59.4	27.3	7.7	73.7	
	ე - უგ	1.0.	177.3	100.1	3.00	32.0	89.9	71.7	73.	11.1	71.0	
	/ - 75	190.1	100.2	100.0	175.5	39.0	o# * £	79.5	24.4	1:.7	• · ·	
	r-11	1 5.0	173	100 • P	-9.3	97.0	75.2	53.2	24.4	c . 3	-1.1	
	1 2 - 7 4	1 0.0	100.7	94.7	55.9	61.7	31.4	15.4	6.8	7.1	55.4	
	17	1	09.9	96.5	71. :	39.2	16.2	9.7	3.8	. 3	6 . ÷	7
	_ : - 80	1/200	130.0	95.8	89.5	68.9	37.6	21.	٤.٥	7.0	12.	३ ₹
	1-23	1	100.0	64.5	ca.n	57.7	69.6	36 • c	13.7	7.8	h".	<i>:•</i> .
				-					 			
TO	TALS	1:2.3	125.4	99.2	c 3.•	81.1	62.2	4 2 . 7	19.5	€.7	F.5.	: 67

TAT HE SERVICE / MAG

RELATIVE HUMIDITY

THE PARAGOZA AR SP

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS		PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF OBS.	
•, • •	J 1-00	112.7	107.0	90.9	59.2	07.4	37.5	72.7	41.5	15.1	75.4	73-	
	_ - 75	1.0.0	1 17.0	105.0	09.2	97.9	99	73.6	1194€	; · • 7	72.9	794	
	1. - 7.8	1 0.0	100.0	9¢.6	09.4	93.1	91.	75.5	5 5 •	28.5	: · • :	704	
	c - j J	ר.י 1	176.0	99.5	08.7	94.9	22.5	65."	93.1	2″.≎	75.7	77.	
	1 ~ - 1 4	1 7.7	59.9	99.	92.1	74.^	49.5	32.7	14.5	7 . 2	62.4	79(
	19-17	1	79.7	95.5	85.	61.7	34.5	20.4	13.0	٠.;	50.7	7c 3	
) · -2 :	1.0.0	1 00.0	59.	95.1	85.5	63.9	41.4	19.2	5.1	56.7	301	
	1-20	100.0	100.3	90.6	93.8	95.8	81.3	67.4	30.3	11.7	77.1	200	
		-											
10	TALS	1 0.0	1 14.3	99.9	95.9	88.7	72.7	55.r	32.6	14.7	71.4	4386	

RELATIVE HUMIDITY

HOZER VUCUOTAMELO LA PERME

FATHER SERVICE/MEC

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J ∈ C

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS		PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN											
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90°•	RELATIVE	NO OF OBS.		
J∈C	2-7.	1 3.7	174.0	137.7	95.5	95.7	85.3	67.0	45.7	27.	77.			
	3-05	115.1	170.2	105.5	c9.6	Ç5.8	F5.1	69.3	46.6	. 7 . 3	7 = . "	• ? ?		
	. o =03	100.7	110.2	100.0	29.6	97.6	89.2	73.7	£2.5	25.8	70.5			
	J-11	100.0	100.4	94.5	59,4	94.5	83.3	66.4	46.	24.5	77.5	. T 7		
	17-15	1 2.7	29.9	99.5	95.5	82.5	51.2	43.7	20.	15.7	4.] , II	;		
	1=-17	1	99.6	98.7	93.8	75.6	51.4	37.3	21.€	17.4	f, h = 0			
	11-00	177.0	29.9	90.5	28.2	9~•5	74.5	52.3	₹2+.7	35.5	72.3	375		
	1-23	1.0.7	177.5	99.6	29,3	94.3	P2.4	62.~	39.3	21.1	75.5	ų, no		
10	TALS	1 2.7	29.9	99.7	98.2	91.1	76.7	£9.7	79.1	19.7	71.1	- (* 7		

USAFETAC ROM 0-87-5 (OL A)

TATHER SERVICE/MAC

RELATIVE HUMIDITY

1525 JARAGOZA AB SP

STATION

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS		PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN											
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF ONS.		
، ۵ر	166	157.0	170.3	99.7	98.7	93.6	80.2	59.8	4 " • E	21.7	75.	5,47		
783		1 7.7	110.0	99.4	95.8	85.1	69.8	46.9	75.7	5.5	52.7	7400		
. 6 &		1 7.5	09.9	97.7	59.5	75.5	57.3	36.4	15.4	4	57.2	2.5		
3 D L		173.7	20.7	96.2	96.9	72.2	52.3	33.0	14.6	7 . 4	41.5	4.35.4		
. , ,		100.0	29.5	94.5	82.2	66.1	46.4	33.3	12.9	3.5	54.	• 46:		
٠ ار		1 -5.7	98.9	91.6	76.1	59.5	39.7	22.2	9.8	7.6	\$ E . 5	45.74		
Juli		175.0	78.3	87.7	71.3	51.7	31.5	13.8	3.6	. 8	51.5	6377		
1.15		1; 7.n	99.2	92.5	77.2	57.1	39.5	27.3	5.7	.8	* F • T	: : > 7		
		120.1	79.€	97.5	86.2	67.4	49.7	31.9	13.7	3.9	67.5	1,103		
_ n 1		1,3.7	100.5	99.2	93.1	£1.1	62.2	43.7	19.5	6.7	65.	4427		
NIV		1 0.7	100.0	98.9	95.9	88.7	72.7	55.7	32.6	14.7	71.4	5126		
) · C		1 0.0	99.9	99.7	98.2	91.1	75.7	59.0	79.1	19.7	74.1	6679		
101	ALS	100.0	99∙6	96.2	67.5	74.4	55.4	37.7	19.6	7.4	57.4	בפרקק.		

RELATIVE HUMIDITY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

монтн	HOURS			MEAN RELATIVE	TOTAL							
	(L.\$.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	NO OF
											†	
				ļ					 		ļ	
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				<u> </u>								
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USAFETAC AGM 0-87-5 (OL A)

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U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

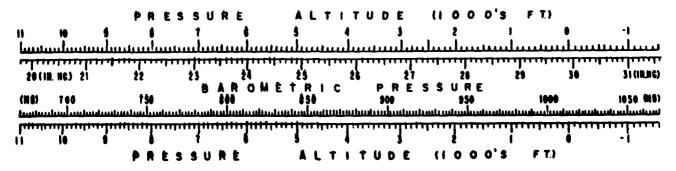
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Porce stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

- 1. Station pressure is presented in the table in inches of moreury.
- 2. Sea-level pressure is presented in millibars. DATA NOT AVAILABLE

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressurealtitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY PRANCH USAFETAC AIR REATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

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STATION PRESSURE IN INCHES HE FROM HOURLY OBSERVATIONS

781635 ZARACOZA AB SP

STATION			STAT	TION NAME										
HRS. (LST)		JAN.	FEB	MAR	APR.	MAY	JUN	JUL	AUG.	SEP	OCT	NOV.	DEC	ANNUAL
	MEAN	24.201	29.1112	9.384	29.073	9.070	29.1292	9.138	29.1312	9.1622	29.1292	9.2532	9.166	29.13
1	S. D	.247	.256	• 220	.161	.137	.114	.112	. 389	.127	.202	• 2 7 2	.282	.19
	TOTAL OBS	. 249.	225	244	236	243	261	270	278	267	277	268	275	309
	MEAN	"29 -193	29.1542	9.073	29.7581	29.0622	29.1242	9.135	29.1272	9.1572	9.1187	9.2412	9.156	79.13
1	5 D	.247	.255	• 221	.165	.139	.116	.111	.590	.179	.274	.203	.286	.19
	TOTAL OBS	254	223	245	235	246	257	263	274	265	274	267	276	308
	MEAN	75.1832	29.1732	9. 373	9.060	9.0712	9.1382	9.146	29.1392	9.1662	9.1172	9.2412	9.147	29.13
~	S D	•257	.255	.222	.163	.140	.115	.115	. 392	.131	. 204	. 203	.290	.19
	TOTAL OBS	250.	224	248	240	244	269	275	278	269	276	266	276	311
	MEAN	~ 29.2.8	29.1252	9.199	9.075	9.080	29.146	9.159	29.1542	9.1893	9.1472	9.2662	9.168	29.15
7	S D	.254	.259	.219	.164	.142	-115	.114	.091	.132	.208	. 205	. 294	.19
	TOTAL OBS	253	223	243	236	245	268	269	277	265	277	266	277	309
	MEAN	20.1762	9.115	9.084	9.053	9.055	29.1182	9.128	29.1232	9.1647	9.1242	9.2462	9.157	29.13
•	S D	.252		.218	-161		-111	.111		.128	. 206	.207	.292	.19
	TOTAL OBS	25.	227	246	235	236	264	267	272	268	278	267	277	308
	MEAN	29.160	29.3682	9. 35	29.014	29.5182	29.0782	9.279	29.0742	9.1142	9.0822	9.2082	9.174	29.09
•	S. D.	. 245	.254	.209	.158	.132	-111	.114	.092	.127	.198	.199	. 286	.19
	TOTAL OBS	_251.	224	245	2 7 2	241	266	272	275	269	273	267	277	309
	MEAN	29.1722	29.0817	9.337	29.012	9.011	29.3662	9.059	29.0592	9.1072	9.0952	9.2232	9.139	29.09
. 5	S. D	• 2 4 3 :	.253	.212	.159	.127	-119	.113	• 893	.127	.194	.201	.284	.19
	TOTAL OBS	250	222	245	234	240	269	269	276	269	278	269	276	309
	MEAN	29.194	29.179	9.378	29.060			9.107	29.1112	9.1502	29.1262	9.2442	9.168	29.17
2	S. D	-244	.250	-212	.160	.130	-110	.114	. 290	.125	.197	. 201	.292	.19
	TOTAL OBS	252	226	247	237	242	263	271	277	269	278	268	275	310
	MEAN	29.138	29.1022	9.070	9.051	9-0532	9.1132	9.119	29.1152	9.1517	0.1172	9.2502	0.153	29.12

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